THE PORT OF NEW YORK AUTHORITY

CONFORMED

THE WORLD TRADE CENTER

CONTRACT NO. 113.80

SPRAY ON FIRE PROOFING

NORTH AND SOUTH TOWERS

MARCH 17, 1969

PLAINTIFF'S EXHIBIT
PX-511

THE PORT OF NEW YORK AUTHORITY

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C. M. Wahlberg, Comptroller

Guy F. Tozzoli, Director
World Trade Department

THE WORLD TRADE CENTER

Owner:	The Port of New York Authority 111 Eighth Avenue New York, New York 10011
Architects:	Minoru Yamasaki & Associates 350 West Big Beaver Road Troy, Michigan 48084
	Emery Roth & Sons 850 Third Avenue New York, New York 10022
Electrical Engineers:	Joseph R. Loring & Associates 2 Pennsylvania Plaza New York, New York 10001
Mechanical Engineers:	Jaros, Baum & Bolles 730 Third Avenue New York, New York 10017
Structural Engineers:	Skilling, Helle, Christiansen, Robertson 230 Park Avenue New York, New York 10017

THE PORT OF NEW YORK AUTHORITY
111 Eighth Avenue - at 15th Street, New York, N.Y. 10011

World Trade Department

Guy F. Tozzoli, Director Telephone (212) 620-8171

March 24, 1969

Mario and DiBono Plastering Co., Inc.
370 Northern Boulevard
Great Neck, L.I., New York 11021

Att: Mr. L. DiBono

Re: The World Trade Center - Contract WTC-113.00 - Spray on Fireproofing - North and South Towers

Gentlemen:

The Port of New York Authority hereby accepts your proposal dated March 17, 1969 on Contract WTC-113.00.

The Port of New York Authority elects not to require a Performance and Payment Bond.

The foregoing acceptance is based on the Contractor confirming that he reaffirms each and every warranty contained in the clause of the Contract entitled "Contractor's Warranties" and such reaffirmation is applicable to any negotiations, meetings, discussions, communications, statements, representations and promises occurring through the date of such concurrence. The above confirmations should be indicated by signing the enclosed copy of this letter in the space provided below and returning it, addressed to my attention.

Sincerely,

THE PORT OF NEW YORK AUTHORITY

By Guy F. Tozzoli
Guy F. Tozzoli, Director
World Trade Department

CONFIRMED:

MARIO AND DIBONO PLASTERING CO., INC.

By _____

Title Vice President & Sec'y/

Date March 26, 1969

APPROVED
AS TO
FINANCIAL TERMS

A. Gerdes Kuhbach
Director of Finance

Date: 3/25/69

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INFORMATION FOR CONTRACTOR

1. ACCEPTANCE OR REJECTION OF PROPOSAL

Within one hundred and eighty (180) days after the opening of the Proposals, the Authority will accept one of the Proposals, if it accepts any but it will not accept more than one Proposal of the same bidder. The acceptance of a Proposal will be only by mailing to or delivering at the office designated in the Proposal a notice in writing specifically indicating acceptance signed by an authorized representative on behalf of the Authority. No other act of the Authority, its Commissioners, officers, agents, or employees or contractors or consultants shall constitute acceptance of a Proposal. Such notice will state whether or not the Authority elects to require the bidder to furnish a Performance and Payment Bond. Rejection of a Proposal will be only by either (a) a notice in writing specifically stating that the Proposal is rejected, signed by an authorized representative on behalf of the Authority and mailed to or delivered at the office designated in the Proposal or (b) omission of the Authority to accept a Proposal within 180 days after the opening of Proposals; and no other act of the Authority, its Commissioners, officers, agents or employees or contractors or consultants shall constitute rejection of a Proposal, including any counter offer or other act of the Authority, its Commissioners, officers, agents or employees or contractors or consultants.

The Authority reserves the unqualified right, in its sole and absolute discretion, to reject all Proposals or to accept that Proposal or combination of Proposals, if any, which in its judgment will under all the circumstances best serve the public interest and to waive defects in any Proposal.

The Authority will accept the Proposal of the same bidder for performance of the Sale as it accepts for performance of the Work, in order to assure the necessary coordination between the sale of the materials and the installation thereof.

In the case of each Alternate for which there is a separate price for the Sale and the Work, the Authority will accept the Proposal of the same bidder for performance of the Sale as it accepts for performance of the Work, in order to assure the necessary coordination between the sale of the materials and the installation thereof.

In the event that a successful bidder defaults upon the Contract by failing to furnish a satisfactory Performance and Payment Bond, if required, and the Authority terminates the Contract, the Authority reserves the option to accept the Proposal of any other bidder within one hundred and eighty (180) days after the opening of Proposals, in which case such acceptance shall have the same effect as to such other bidder as though he were the originally successful bidder.

2. INSPECTION OF SITE

Each bidder or his authorized representative must make proper arrangements with the Construction Manager (212-267-7680) at the construction site before inspecting the construction site.

3. AVAILABLE DOCUMENTS.

Certain documents are available for reference and examination by bidders at the office of Construction Manager, The World Trade Center, 30 Church St., N.Y., N.Y. during regular business hours. These documents are as follows:

A. STRUCTURAL

1. A set of structural drawings which bear the general title "The World Trade Center - The Port of New York Authority - Tower A", are dated 9/12/66, and are separately numbered and titled as follows:

DRAWING NUMBER	DRAWING TITLE	REVISED
SA-1	Foundation Plan	5/29/68
SA-2	Plan Sub-Level 5 - El. 242	11/9/67
SA-3	Framing Plan Sub-Level 4	12/18/67
SA-4	Framing Plan Sub-Level 3 - El. 264	12/18/67
SA-5	Framing Plan Sub-Level 2 - El. 274	12/18/67
SA-6	Framing Plan Sub-Level 1 - El. 284	12/18/67
SA-7	Framing Plan Service Level - El. 294	6/21/
SA- 8	Framing plan floor 1	12/18/67
SA- 9	Framing plan intermediate level	2/29/68
SA-10	Framing plan floor 2	12/18/67
SA-11	Framing plan floor 3	12/18/67
SA-12	Framing plan floor 4	12/18/67
SA-13	Framing plan floor 5	12/18/67
SA-14	Framing plan floor 6	12/18/67
SA-15	Framing plan floor 7	12/18/67
SA-16	Framing plan floor 8	6/21/68
SA-17	Framing plan floor 9	12/18/67
SA-18	Framing plan floors 10-11	7/28/67
SA-20	Framing plan floors 12-16	7/28/67
SA-25	Framing plan floor 17	1/5/68
SA-26	Framing plan floor 18	7/28/67
SA-27	Framing plan floor 19	1/5/68
SA-28	Framing plan floor 20	7/28/67
SA-29	Framing plan floors 21-23	7/28/67
SA-32	Framing plan floor 24	7/28/67
SA-33	Framing plan floor 25	7/28/67
SA-34	Framing plan floor 26	7/28/67
SA-35	Framing plan floor 27	1/5/68
SA-36	Framing plan floors 28-31	1/5/68
SA-40	Framing plan floor 32	7/28/67
SA-41	Framing plan floor 33	7/28/67
SA-42	Framing plan floor 34	7/28/67
SA-43	Framing plan floor 35	7/28/67
SA-44	Framing plan floors 36-38	1/5/68
SA-47	Framing plan floor 39	1/5/68
SA-48	Framing plan floor 40	1/5/68
SA-49	Framing plan floor 41	4/17/68
SA-50	Framing plan floor 42	6/24/68
SA-51	Framing plan floor 43	4/17/68
SA-52	Framing plan floor 44	1/3/68
SA-53	Framing plan floor 45	1/24/68
SA-54	Framing plan floor 46	1/24/68
SA-55	Framing plan floor 47	1/24/68

DRAWING NUMBER	DRAWING TITLE	REVISED
SA-56	Framing plan floor 48	1/24/68
SA-57	Framing plan floor 49	1/5/68
SA-58	Framing plan floor 50	1/5/68
SA-59	Framing plan floors 51-54	2/8/68
SA-63	Framing plan floor 55	1/5/68
SA-64	Framing plan floor 56	9/15/67
SA-65	Framing plan floor 57	1/5/68
SA-66	Framing plan floor 58	1/5/68
SA-67	Framing plan floor 59	1/5/68
SA-68	Framing plan floor 60	1/5/68
SA-69	Framing plan floor 61	1/5/68
SA-70	Framing plan floor 62	1/5/68
SA-71	Framing plan floor 63	1/5/68
SA-72	Framing plan floor 64	1/5/68
SA-73	Framing plan floor 65	9/15/67
SA-74	Framing plan floor 66	9/15/67
SA-75	Framing plan floor 67	1/5/68
SA-76	Framing plan floor 68	9/15/67
SA-77	Framing plan floor 69	1/24/68
SA-78	Framing plan floor 70	9/15/67
SA-79	Framing plan floor 71	9/15/67
SA-80	Framing plan floor 72	2/8/68
SA-81	Framing plan floor 73	1/5/68
SA-82	Framing plan floor 74	2/8/68
SA-83	Framing plan floor 75	2/16/68
SA-84	Framing plan floor 76	2/16/68
SA-85	Framing plan floor 77	2/16/68
SA-86	Framing plan floor 78	1/3/68
SA-87	Framing plan floor 79	2/8/68
SA-88	Framing plan floor 80	2/8/68
SA-89	Framing plan floor 81	2/8/68
SA-90	Framing plan floor 82	2/8/68
SA-91	Framing plan floor 83	2/8/68
SA-92	Framing plan floors 84-86	2/8/68
SA-95	Framing plan floor 87	2/8/68
SA-96	Framing plan floor 88	2/8/68
SA-97	Framing plan floor 89	2/8/68
SA-98	Framing plan floor 90-91	2/8/68
SA-100	Framing plan floor 92	2/8/68
SA-101	Framing plan floor 93	2/8/68
SA-102	Framing plan floor 94	2/8/68
SA-103	Framing plan floor 95	2/8/68
SA-104	Framing plan floor 96	2/8/68
SA-105	Framing plan floors 97-100	2/8/68
SA-109	Framing plan floor 101	2/8/68
SA-110	Framing plan floor 102	2/8/68
SA-111	Framing plan floor 103	2/8/68
SA-112	Framing plan floor 104	2/8/68
SA-113	Framing plan floor 105	7/20/67
SA-114	Framing plan floor 106	7/20/67
SA-115	Framing plan floor 107 lower	7/20/67

DRAWING NO.	DRAWING TITLE	AS BUILT
A-116	Framing plan floor 107 upper	7/20/67
A-117	Framing plan floor 108	7/20/67
A-118	Framing plan floor 109	7/20/67
A-119	Framing plan floor 110	7/20/67
A-120	Framing plan P.H. roof	7/20/67
A-124	Floor panel schedule	3/3/68
A-125	Ext. wall to 9th - elevation wall 100	4/7/67
A-126	Ext. wall to 9th - elevation wall 200	5/8/67
A-127	Ext. wall to 9th - elevation wall 300	4/7/67
A-128	Ext. wall to 9th - elevation wall 400	5/8/67
A-140	Ext. wall above 9th - elevation wall 100	4/12/67
A-141	Ext. wall above 9th - elevation wall 200	4/12/67
A-142	Ext. wall above 9th - elevation wall 300	4/12/67
A-143	Ext. wall above 9th - elevation wall 400	4/12/67
A-151	Grillage Details	5/29/68
A-152	Grillage Details	11/15/67
AB-156	Steel deck plan floor 7	6/17/68
AB-157	Steel deck plan floor 9	6/17/68
AB-158	Steel deck plan floors 21-40	6/17/68
AB-159	Steel deck plan floor 41	6/17/68
AB-160	Steel deck plan floor 43	6/17/68
AB-161	Steel deck plan floor 45	6/17/68
AB-162	Steel deck plan floors 46-49	6/17/68
AB-164	Steel deck plan floors 50-58	6/17/68
AB-165	Steel deck plan floors 59-62	6/17/68
AB-166	Steel deck plan floors 63-66	6/17/68
AB-167	Steel deck plan floors 67-70	6/17/68
AB-168	Steel deck plan floors 71-74	6/17/68
AB-169	Steel deck plan floors 65-69	6/17/68
AB-170	Steel deck plan floor 75	6/17/68
AB-171	Steel deck plan floor 77	6/17/68
AB-172	Steel deck plan floors 78-79	6/17/68
AB-173	Steel deck plan floors 80-81	6/17/68
AB-174	Steel deck plan floors 82-83	6/17/68
AB-175	Steel deck plan floors 84-89	6/17/68
AB-176	Steel deck plan floors 90-94	6/17/68
AB-177	Steel deck plan floors 95-101	6/17/68
AB-178	Steel deck plan floors 102-106	6/17/68

*Dwg. Book #1 - Exterior Wall Up to Elev. 363'
See Index 1-ABO-O, Dated 5/7/68

*Dwg. Book #2 - Exterior Wall From Elev. 363' to 9th Story Splice
See Index 2-ABO-O, Dated 1/2/68

*Dwg. Book #3 - Core Column Schedule
See Index 3-ABO-O, Dated 3/11/68

*Dwg. Book #4 - Exterior Wall - 9th Story Splice to Roof
See Index 4-ABO-O, Dated 3/11/68

*Dwg. Book #5 - Beam Schedule
See Index 5-ABO-O, Dated 5/7/68

*Dwg. Book #6 - Beam Connection Details
See Index 6-ABO-O, Dated 5/7/68

*Dwg. Book #7 - Floor Panel and Stool Deck Details
See Index 7-ABO-O, Dated 5/6/68

*oDwg. Book #8 - Contract Dwgs. for Tower A and for Plaza Structure
Dated 3/1/68, Revised 5/31/68

Dwg. Book #9 - (Not Used To Date)

oDwg. Book #10 - Column Schedule For Plaza Structure
See Index 10-JO-O, Dated 5/1/68

oDwg. Book #11 - Trusses for Plaza Structure
See Index 11, 12-JO-O, Dated 5/1/68

oDwg. Book #12 - Beam & Girder Details
See Index 11, 12-JKO-O, Dated 5/1/68

* For Tower A
o For Plaza Structure

STRUCTURAL

4. A set of structural drawings which bear the general title "The World Trade Center-The Port of New York Authority-Tower B", are dated 9/12/66, and are separately numbered and titled as follows:

DRAWING NUMBER	DRAWING TITLE	REVISED
SB-1	Foundation Plan	2/9/68
SB-2	Plan Sub-Level 5-El. 242	3/1/68
SB-3	Framing Plan Sub-Level 4-El. 253	5/7/68
SB-4	Framing Plan Sub-Level 3-El. 264	5/7/68
SB-5	Framing Plan Sub-Level 2-El. 274	5/7/68
SB-6	Framing Plan Sub-Level 1-El. 284	5/7/68
SB-7	Framing Plan Service Level-El. 294	5/7/68
SB-8	Framing Plan Floor 1	5/7/68
SB-9	Framing Plan Intermediate Level El-321	12/18/67
SB-10	Framing Plan Floor 2	12/18/67
SB-11	Framing Plan Floor 3	12/18/67
SB-12	Framing Plan Floor 4	12/18/67
SB-13	Framing Plan Floor 5	12/18/67
SB-14	Framing Plan Floor 6	12/18/67
SB-15	Framing Plan Floor 7	12/18/67
SB-16	Framing Plan Floor 8	12/18/67
SB-22	Framing Plan Floors 14-16	7/28/67
SB-25	Framing Plan Floor 17	1/5/68

DRAWING NUMBER	DRAWING TITLE	REVISED
SB - 26	FRAMING PLAN FLOOR 18	7/28/67
SB -27	FRAMING PLAN FLOOR 19	1/ 5/68
SB - 28	FRAMING PLAN FLOOR 20	7/28/67
SB - 29	FRAMING PLAN FLOORS 21-23	7/28/67
SB - 32	FRAMING PLAN FLOOR 24	7/28/67
SB - 33	FRAMING PLAN FLOOR 25	7/28/67
SB - 34	FRAMING PLAN FLOOR 26	7/28/67
SB - 35	FRAMING PLAN FLOOR 27	1/ 5/68
SB - 36	FRAMING PLAN FLOORS 28-31	1/ 5/68
SB - 40	FRAMING PLAN FLOOR 32	7/28/67
SB - 41	FRAMING PLAN FLOOR 33	7/28/67
SB - 42	FRAMING PLAN FLOOR 34	7/28/67
SB - 43	FRAMING PLAN FLOOR 35	7/28/67
SB - 44	FRAMING PLAN FLOORS 36-38	1/ 5/68
SB - 47	FRAMING PLAN FLOOR 39	1/ 5/68
SB - 48	FRAMING PLAN FLOOR 40	1/ 5/68
SB - 49	FRAMING PLAN FLOOR 41	1/24/68
SB - 50	FRAMING PLAN FLOOR 42	1/24/68
SB - 51	FRAMING PLAN FLOOR 43	1/24/68
SB - 52	FRAMING PLAN FLOOR 44	1/3/68
SB - 53	FRAMING PLAN FLOOR 45	1/24/68
SB - 54	FRAMING PLAN FLOOR 46	1/24/68
SB - 55	FRAMING PLAN FLOOR 47	1/24/68
SB - 56	FRAMING PLAN FLOOR 48	1/24/68
SB - 57	FRAMING PLAN FLOOR 49	1/5/68
SB - 58	FRAMING PLAN FLOOR 50	1/5/68
SB - 59	FRAMING PLAN FLOORS 51 - 54	2/8/68
SB - 63	FRAMING PLAN FLOOR 55	1/5/68
SB - 64	FRAMING PLAN FLOOR 56	9/15/67
SB - 65	FRAMING PLAN FLOOR 57	1/5/68
SB - 66	FRAMING PLAN FLOOR 58	1/5/68
SB - 67	FRAMING PLAN FLOOR 59	1/5/68
SB - 68	FRAMING PLAN FLOOR 60	1/5/68
SB - 69	FRAMING PLAN FLOOR 61	1/5/68
SB - 70	FRAMING PLAN FLOOR 62	1/5/68
SB - 71	FRAMING PLAN FLOOR 63	1/5/68
SB - 72	FRAMING PLAN FLOOR 64	1/5/68
SB - 73	FRAMING PLAN FLOORS 65 + 66	10/2/67
SB - 75	FRAMING PLAN FLOOR 67	10/2/67

DRAWING NUMBER	DRAWING TITLE		REVISED
SB - 76	FRAMING PLAN FLOOR	68	10/2/67
SB - 77	FRAMING PLAN FLOOR	69	10/2/67
SB - 78	FRAMING PLAN FLOOR	70	9/15/67
SB - 79	FRAMING PLAN FLOOR	71	9/15/67
SB - 80	FRAMING PLAN FLOOR	72	2/8/68
SB - 81	FRAMING PLAN FLOOR	73	1/5/68
SB - 82	FRAMING PLAN FLOOR	74	2/8/68
SB - 83	FRAMING PLAN FLOOR	75	10/2/67
SB - 84	FRAMING PLAN FLOOR	76	10/2/67
SB - 85	FRAMING PLAN FLOOR	77	10/2/67
SB - 86	FRAMING PLAN FLOOR	78	1/3/68
SB - 87	FRAMING PLAN FLOOR	79	2/8/68
SB - 88	FRAMING PLAN FLOOR	80	2/8/68
SB - 89	FRAMING PLAN FLOOR	81	2/8/68
SB - 90	FRAMING PLAN FLOOR	82	2/8/68
SB - 91	FRAMING PLAN FLOOR	83	2/8/68
SB - 92	FRAMING PLAN FLOOR	84-86	2/8/68
SB - 95	FRAMING PLAN FLOOR	87	2/8/68
SB - 96	FRAMING PLAN FLOOR	88	2/8/68
SB - 97	FRAMING PLAN FLOOR	89	2/8/68
SB - 98	FRAMING PLAN FLOOR	90,91,93	2/8/68
SB -100	FRAMING PLAN FLOOR	92	2/8/68
SB -102	FRAMING PLAN FLOOR	94	2/8/68
SB -103	FRAMING PLAN FLOOR	95	2/8/68
SB- 104	FRAMING PLAN FLOOR	96	2/8/68
SB -105	FRAMING PLAN FLOOR	97-100	2/8/68
SB -109	FRAMING PLAN FLOOR	101	2/8/68
SB -110	FRAMING PLAN FLOOR	102	2/8/68
SB -111	FRAMING PLAN FLOOR	103	2/8/68
SB -112	FRAMING PLAN FLOOR	104	2/8/68
SB -113	FRAMING PLAN FLOOR	105	7/20/67
SB -114	FRAMING PLAN FLOOR	106	7/20/67
SB -115	FRAMING PLAN FLOOR	107 LOWER	7/20/67
SB -116	FRAMING PLAN FLOOR	107 UPPER	7/20/67
SB -117	FRAMING PLAN FLOOR	108	7/20/67
SB - 118	FRAMING PLAN FLOOR	109	7/20/67
SB -119	FRAMING PLAN FLOOR	110	7/20/67
SB -120	FRAMING PLAN P.H. ROOF		7/20/67
SB -123	FRAMING PLAN TRUCK RAMP		6/19/67
SB -124	FLOOR PANEL SCHEDULE		—

DRAWING NUMBER	DRAWING TITLE	REVISED
SB - 125	EXT. WALL TO 9th - ELEVATION WALL 100	5/8/67
SB - 126	EXT. WALL TO 9th - ELEVATION WALL 200	5/8/67
SB - 127	EXT. WALL TO 9th - ELEVATION WALL 300	5/8/67
SB - 128	EXT. WALL TO 9th - ELEVATION WALL 400	5/8/67
SB - 140	EXT. WALL ABOVE 9th-ELEVATION WALL 100	4/12/67
SB - 141	EXT. WALL ABOVE 9th-ELEVATION WALL 200	4/12/67
SB - 142	EXT. WALL ABOVE 9th-ELEVATION WALL 300	4/12/67
SB - 143	EXT. WALL ABOVE 9th-ELEVATION WALL 400	4/12/67
SB - 151	GRILLAGE DETAILS	11/15/67
SB - 152	GRILLAGE DETAILS	11/15/67
SB - 153	GRILLAGE DETAILS	11/15/67
SB - 154	GRILLAGE DETAILS	11/15/67
SAB- 156	Steel deck plan floor 7	10/18/67
SAB- 157	Steel deck plan floor 9	10/18/67
SAB- 158	Steel deck plan floor 21-40	11/24/67
SAB- 159	Steel deck plan floor 41	11/24/67
SAB- 160	Steel deck plan floor 43	10/18/67
SAB- 161	Steel deck plan floor 45	11/24/67
SAB- 163	Steel deck plan floor 46-49	11/6/67
SAB- 164	Steel deck plan floor 50-58	11/24/67
SAB- 165	Steel deck plan floor 59-62	11/24/67
SAB- 166	Steel deck plan floor 63-66	11/24/67
SAB- 167	Steel deck plan floor 67-70	11/24/67
SAB- 168	Steel deck plan floor 71-74	11/24/67
SAB- 169	Steel deck plan floor 65-69	11/24/67
SAB- 170	Steel deck plan floor 75	11/24/67
SAB- 171	Steel deck plan floor 77	11/6/67
SB - L1	Foundation Loading	11/6/67

3. A set of structural drawings which bear the general title "The World rade Center - The Port of New York Authority - Structural - Below Grade", re dated 5/15/67 and are separately numbered and titled as follows:

DRAWING NUMBER	DRAWING TITLE	REVISED
SJK- 0	Drawing Index Zones J and K	
SJ- 2	Foundation Plan Zone J-1	4/ 5/68
SJ- 3	Foundation Plan Zone J-2	5/ 1/68
SJ- 4	Foundation Plan Zone J-3	4/ 5/68
SJ- 5	Foundation Plan Zone J-4	5/ 1/68
SJ- 6	Foundation Plan Zone J-5	1/ 5/68
SJ- 7	Foundation Plan Zone J-6	5/ 1/68
SK- 8	Foundation Plan Zone K-1	1/29/68
SK- 9	Foundation Plan Zone K-2	5/15/67
SK- 10	Foundation Plan Zone K-3	5/15/67
SK- 11	Foundation Plan Zone K-4	5/15/67
SK- 12	Foundation Plan Zone K-5	5/15/67
SK- 13	Foundation Plan Zone K-6	5/15/67
SJ- 14	Plan Elevation 242 Zone J-1	4/ 5/68
SJ- 15	Plan Elevation 242 Zone J-2	5/ 1/68
SJ- 16	Plan Elevation 242 Zone J-3	4/ 5/68
SJ- 17	Plan Elevation 242 Zone J-4	5/ 1/68
SJ- 18	Plan Elevation 242 Zone J-5	1/ 5/68
SJ- 19	Plan Elevation 242 Zone J-6	5/ 1/68
SK- 20	Plan Elevation 242 Zone K-1	1/29/68
SK- 21	Plan Elevation 242 Zone K-2	5/15/67
SK- 22	Plan Elevation 242 Zone K-3	5/15/67
SK- 23	Plan Elevation 242 Zone K-4	5/15/67
SK- 24	Plan Elevation 242 Zone K-5	5/15/67
SK- 25	Plan Elevation 242 Zone K-6	5/15/67
SJ- 26	Framing Plan Elevation 253 Zone J-1	4/ 5/68
SJ- 27	Framing Plan Elevation 253 Zone J-2	5/ 1/68
SJ- 28	Framing Plan Elevation 253 Zone J-3	4/ 5/68
SJ- 29	Framing Plan Elevation 253 Zone J-4	5/ 1/68
SJ- 30	Framing Plan Elevation 253 Zone J-5	1/ 5/68
SK- 32	Framing Plan Elevation 253 Zone K-1	1/29/68
SK- 34	Framing Plan Elevation 253 Zone K-3	5/15/67
SK- 36	Framing Plan Elevation 253 Zone K-5	5/15/67
SK- 37	Framing Plan Elevation 253 Zone K-6	5/15/67
SK- 38	Framing Plan Elevation 257 Zone K-1	1/29/68
SK- 39	Framing Plan Elevation 257 Zone K-2	5/15/67
SJ- 40	Framing Plan Elevation 264 Zone J-1	4/ 5/68
SJ- 41	Framing Plan Elevation 264 Zone J-2	5/ 1/68
SJ- 42	Framing Plan Elevation 264 Zone J-3	4/ 5/68
SJ- 43	Framing Plan Elevation 264 Zone J-4	5/ 1/68
SJ- 44	Framing Plan Elevation 264 Zone J-5	1/ 5/68
SJ- 45	Framing Plan Elevation 264 Zone J-6	5/ 1/68
SK- 46	Framing Plan Elevation 264 Zone K-1	1/29/68
SK- 47	Framing Plan Elevation 264 Zone K-2	5/15/67
SK- 48	Framing Plan Elevation 264 Zone K-3	5/15/67
SK- 49	Framing Plan Elevation 264 Zone K-4	5/15/67
SK- 50	Framing Plan Elevation 264 Zone K-5	5/15/67
SK- 51	Framing Plan Elevation 264 Zone K-6	5/15/67
SJ- 52	Framing Plan Elevation 274 Zone J-1	4/ 5/68
SJ- 53	Framing Plan Elevation 274 Zone J-2	5/ 1/68
SJ- 54	Framing Plan Elevation 274 Zone J-3	4/ 5/68
SJ- 55	Framing Plan Elevation 274 Zone J-4	5/ 1/68
SJ- 56	Framing Plan Elevation 274 Zone J-5	1/ 5/68
SK- 57	Framing Plan Elevation 274 Zone K-1	1/29/68

DRAWING NUMBER	DRAWING TITLE	REVISED
SK- 58	Framing Plan Elevation 274 Zone K-3	5/15/67
SK- 59	Framing Plan Elevation 274 Zone K-4	5/15/67
SK- 60	Framing Plan Elevation 274 Zone K-5	5/15/67
SK- 61	Framing Plan Elevation 274 Zone K-6	5/15/67
SJ- 62	Framing Plan Elevation 279 Zone J-4	5/ 1/68
SJ- 63	Framing Plan Elevation 279 Zone J-6	5/ 1/68
SK- 64	Framing Plan Elevation 279 Zone K-2	5/15/67
SJ- 65	Framing Plan Elevation 284 Zone J-1	4/ 5/68
SJ- 66	Framing Plan Elevation 284 Zone J-2	5/ 1/68
SJ- 67	Framing Plan Elevation 284 Zone J-3	4/ 5/68
SJ- 68	Framing Plan Elevation 284 Zone J-4	5/ 1/68
SJ- 69	Framing Plan Elevation 284 Zone J-5	1/ 5/68
SK- 70	Framing Plan Elevation 284 Zone K-1	1/29/68
SK- 71	Framing Plan Elevation 284 Zone K-3	5/15/67
SK- 72	Framing Plan Elevation 284 Zone K-4	5/15/67
SK- 73	Framing Plan Elevation 284 Zone K-5	5/15/67
SK- 74	Framing Plan Elevation 284 Zone K-6	5/15/67
SJ- 75	Framing Plan Elevation 290 Zone J-2	5/ 1/68
SJ- 76	Framing Plan Elevation 290 Zone J-4	5/ 1/68
SJ- 77	Framing Plan Elevation 290 Zone J-6	5/ 1/68
SK- 78	Framing Plan Elevation 290 Zone K-2	5/15/67
SJ- 79	Framing Plan Elevation 294 Zone J-1	4/ 5/68
SJ- 80	Framing Plan Elevation 294 Zone J-2	5/ 1/68
SJ- 81	Framing Plan Elevation 294 Zone J-3	4/ 5/68
SJ- 82	Framing Plan Elevation 294 Zone J-4	5/ 1/68
SJ- 83	Framing Plan Elevation 294 Zone J-5	1/ 5/68
SJ- 84	Framing Plan Elevation 294 Zone J-6	5/ 1/68
SK- 85	Framing Plan Elevation 294 Zone K-1	1/29/68
SK- 86	Framing Plan Elevation 294 Zone K-2	5/15/67
SK- 87	Framing Plan Elevation 294 Zone K-3	5/15/67
SK- 88	Framing Plan Elevation 294 Zone K-4	5/15/67
SK- 89	Framing Plan Elevation 294 Zone K-5	5/15/67
SK- 90	Framing Plan Elevation 294 Zone K-6	5/15/67
SJ- 91	Framing Plan Elevation 310 Zone J-1	4/ 5/68
SJ- 92	Framing Plan Elevation 310 Zone J-2	5/ 1/68
SJ- 93	Framing Plan Elevation 310 Zone J-3	4/ 5/68
SJ- 94	Framing Plan Elevation 310 Zone J-4	5/ 1/68
SJ- 95	Framing Plan Elevation 310 Zone J-5	1/ 5/68
SJ- 96	Framing Plan Elevation 310 Zone J-6	5/ 1/68
SK- 97	Framing Plan Elevation 310 Zone K-1	2/28/68
SK- 98	Framing Plan Elevation 310 Zone K-2	5/15/67
SK- 99	Framing Plan Elevation 310 Zone K-3	5/15/67
SK-100	Framing Plan Elevation 310 Zone K-4	5/15/67
SK-101	Framing Plan Elevation 310 Zone K-5	5/15/67
SK-102	Framing Plan Elevation 310 Zone K-6	5/15/67
SJ-103	Framing Plan Elevation 332 Zone J-6	5/15/67
SK-104	Framing Plan Elevation 332 Zone K-1	5/15/67
SK-105	Framing Plan Elevation 332 Zone K-2	5/15/67
SK-106	Framing Plan Elevation 332 Zone K-3	5/15/67
SK-107	Framing Plan Elevation 332 Zone K-5	5/15/67
SK-200	Part Framing Plans Elevation 310	3/19/68
	Drawing Book 10 (See page 10-JKO-O for Index)	5/ 1/68
	Drawing Book 11 (See page 11-JKO-O for Index)	5/ 1/68
	Drawing Book 12 (See page 12-JKO-O for Index)	5/ 1/68

6. CONCRETE

A set of concrete drawings which bear the general title "The World Trade Center - The Port of New York Authority - Concrete Below-Grade" and are separately numbered, titled and dated as follows:

RAWING MBER	DRAWING TITLE	DATE	REVISED
SCJK- 0	Zone J and K Drawing Index		
SCJ - 2	Foundation Plan Zone J-1	5/ 1/68	
SCJ - 3	Foundation Plan Zone J-2	5/ 1/68	
SCJ - 4	Foundation Plan Zone J-3	5/ 1/68	
SCJ - 5	Foundation Plan Zone J-4	5/ 1/68	
SCJ - 6	Foundation Plan Zone J-5	5/ 1/68	
SCJ - 7	Foundation Plan Zone J-6	5/ 1/68	
SCK - 8	Foundation Plan Zone K-1	5/ 1/68	
SCK - 9	Foundation Plan Zone K-2	5/ 1/68	
SCK - 10	Foundation Plan Zone K-3	5/ 1/68	
SCK - 11	Foundation Plan Zone K-4	5/ 1/68	7/9/68
SCK - 12	Foundation Plan Zone K-5	5/ 1/68	
SCK - 13	Foundation Plan Zone K-6	5/ 1/68	
SCJ - 14	Plan Elevation 242 Zone J-1	5/ 1/68	7/9/68
SCJ - 15	Plan Elevation 242 Zone J-2	5/ 1/68	7/9/68
SCJ - 16	Plan Elevation 242 Zone J-3	5/ 1/68	7/9/68
SCJ - 17	Plan Elevation 242 Zone J-4	5/ 1/68	7/9/68
SCJ - 18	Plan Elevation 242 Jone J05	5/ 1/68	7/9/68
SCJ - 19	Plan Elevation 242 Zone J-6	5/ 1/68	7/9/68

DRAWING NUMBER	DRAWING TITLE	DATE	REVIS
SCK - 20	Plan Elevation 242 Zone K-1	5/ 1/68	7/9/6
SCK - 21	Plan Elevation 242 Zone K-2	5/ 1/68	7/9/6
SCK - 22	Plan Elevation 242 Zone K-3	5/ 1/68	7/9/6
SCK - 23	Plan Elevation 242 Zone K-4	5/ 1/68	7/9/6
SCK - 24	Plan Elevation 242 Zone K-5	5/ 1/68	7/9/6
SCK - 25	Plan Elevation 242 Zone K-6	5/ 1/68	7/9/6
SCJ - 26	Framing Plan Elevation 253 Zone J-1	5/ 1/68	
SCJ - 27	Framing Plan Elevation 253 Zone J-2	5/ 1/68	
SCJ - 28	Framing Plan Elevation 253 Zone J-3	5/ 1/68	
SCJ - 29	Framing Plan Elevation 253 Zone J-4	5/ 1/68	
SCJ - 30	Framing Plan Elevation 253 Zone J-5	5/ 1/68	
SCJ - 31	Framing Plan Elevation 253 Zone J-6	5/ 1/68	
SCK - 32	Framing Plan Elevation 253 Zone K-1	5/ 1/68	
SCK - 33	Framing Plan Elevation 253 Zone K-2	5/ 1/68	
SCK - 34	Framing Plan Elevation 253 Zone K-3	5/ 1/68	7/9/6
SCK - 35	Framing Plan Elevation 253 Zone K-4	5/ 1/68	
SCK - 36	Framing Plan Elevation 253 Zone K-5	5/ 1/68	
SCK - 37	Framing Plan Elevation 253 Zone K-6	5/ 1/68	
SCK - 38	Framing Plan Elevation 257 Zone K-1	5/ 1/68	
SCK - 39	Framing Plan Elevation 257 Zone K-2	5/ 1/68	
SCJ - 40	Framing Plan Elevation 264 Zone J-1	5/ 1/68	
SCJ - 41	Framing Plan Elevation 264 Zone J-2	5/ 1/68	
SCJ - 42	Framing Plan Elevation 264 Zone J-3	5/ 1/68	7/9/68
SCJ - 43	Framing Plan Elevation 264 Zone J-4	5/ 1/68	
SCJ - 44	Framing Plan Elevation 264 Zone J05	5/ 1/68	
SCJ - 45	Framing Plan Elevation 264 Zone J-6	5/ 1/68	
SCK - 46	Framing Plan Elevation 264 Zone K-1	5/ 1/68	
SCK - 47	Framing Plan Elevation 264 Zone K-2	5/ 1/68	
SCK - 48	Framing Plan Elevation 264 Zone K-3	5/ 1/68	7/9/68
SCK - 49	Framing Plan Elevation 264 Zone K-4	5/ 1/68	
SCK - 50	Framing Plan Elevation 264 Zone K-5	5/ 1/68	
SCK - 51	Framing Plan Elevation 264 Zone K-6	5/ 1/68	
SCJ - 52	Framing Plan Elevation 274 Zone J-1	5/ 1/68	
SCJ - 53	Framing Plan Elevation 274 Zone J-2	5/ 1/68	
SCJ - 54	Framing Plan Elevation 274 Zone J-3	5/ 1/68	
SCJ - 55	Framing Plan Elevation 274 Zone J-4	5/ 1/68	
SCJ - 56	Framing Plan Elevation 274 Zone J05	5/ 1/68	
SCK - 57	Framing Plan Elevation 274 Zone K-1	5/ 1/68	
SCK - 58	Framing Plan Elevation 274 Zone K-3	5/ 1/68	7/9/68
SCK - 59	Framing Plan Elevation 274 Zone K-4	5/ 1/68	
SCK - 60	Framing Plan Elevation 274 Zone K-5	5/ 1/68	
SCK - 61	Framing Plan Elevation 274 Zone K-6	5/ 1/68	
SCJ - 62	Framing Plan Elevation 279 Zone J-4	5/ 1/68	
SCJ - 63	Framing Plan Elevation 279 Zone J-6	5/ 1/68	
SCK - 64	Framing Plan Elevation 279 Zone K-2	5/ 1/68	
SCJ - 65	Framing Plan Elevation 284 Zone J-1	5/ 1/68	
SCJ - 66	Framing Plan Elevation 284 Zone J-2	5/ 1/68	
SCJ - 67	Framing Plan Elevation 284 Zone J-3	5/ 1/68	7/9/68
SCJ - 68	Framing Plan Elevation 284 Zone J-4	5/ 1/68	
SCJ - 69	Framing Plan Elevation 284 Zone J-5	5/ 1/68	
SCK - 70	Framing Plan Elevation 284 Zone K-1	5/ 1/68	
SCK - 71	Framing Plan Elevation 284 Zone K-3	5/ 1/68	7/9/68
SCK - 72	Framing Plan Elevation 284 Zone K-4	5/ 1/68	

DRAWING NUMBER	DRAWING TITLE	DATE	REVISED
SK - 73	Framing Plan Elevation 284 Zone K-5	5/ 1/68	
SK - 74	Framing Plan Elevation 284 Zone K-6	5/ 1/68	
SJ - 75	Framing Plan Elevation 290 Zone J-2	5/ 1/68	
SJ - 76	Framing Plan Elevation 290 Zone J-4	5/ 1/68	
SJ - 77	Framing Plan Elevation 290 Zone J-6	5/ 1/68	
SK - 78	Framing Plan Elevation 290 Zone K-2	5/ 1/68	
SJ - 79	Framing Plan Elevation 294 Zone J-1	5/ 1/68	
SJ - 80	Framing Plan Elevation 294 Zone J-2	5/ 1/68	
SJ - 81	Framing Plan Elevation 294 Zone J-3	5/ 1/68	
SJ - 82	Framing Plan Elevation 294 Zone J-4	5/ 1/68	
SJ - 83	Framing Plan Elevation 294 Zone J-5	5/ 1/68	
SJ - 84	Framing Plan Elevation 294 Zone J-6	5/ 1/68	
SK - 85	Framing Plan Elevation 294 Zone K-1	5/ 1/68	
SK - 86	Framing Plan Elevation 294 Zone K-2	5/ 1/68	
SK - 87	Framing Plan Elevation 294 Zone K-3	5/ 1/68	7/9/68
SK - 88	Framing Plan Elevation 294 Zone K-4	5/ 1/68	
SK - 89	Framing Plan Elevation 294 Zone K-5	5/ 1/68	
SK - 90	Framing Plan Elevation 294 Zone K-6	5/ 1/68	
SJ - 91	Framing Plan Elevation 310 Zone J-1	5/ 1/68	8/23/68
SJ - 92	Framing Plan Elevation 310 Zone J-2	5/ 1/68	8/23/68
SJ - 93	Framing Plan Elevation 310 Zone J-3	5/ 1/68	7/9/68
SJ - 94	Framing Plan Elevation 310 Zone J-4	5/ 1/68	8/23/68
SJ - 95	Framing Plan Elevation 310 Zone J-5	5/ 1/68	
SJ - 96	Framing Plan Elevation 310 Zone J-6	5/ 1/68	7/9/68
SK - 97	Framing Plan Elevation 310 Zone K-1	5/ 1/68	
SK - 98	Framing Plan Elevation 310 Zone K-2	5/ 1/68	7/9/68
SK - 99	Framing Plan Elevation 310 Zone K-3	5/ 1/68	7/9/68
SK -100	Framing Plan Elevation 310 Zone K-4	5/ 1/68	7/9/68
SK -101	Framing Plan Elevation 310 Zone K-5	5/ 1/68	
SK -102	Framing Plan Elevation 310 Zone K-6	5/ 1/68	7/9/68
SJ -103	Framing Plan Elevation 332 Zone J-6	5/ 1/68	
SK -104	Framing Plan Elevation 332 Zone K-1	5/ 1/68	
SK -105	Framing Plan Elevation 332 Zone K-2	5/ 1/68	
SK -106	Framing Plan Elevation 332 Zone K-3	5/ 1/68	
SK -107	Framing Plan Elevation 332 Zone K-5	5/ 1/68	
SX -108	Details of Stairs J-1 & J-3	5/ 1/68	
SX -109	Details of Stairs J-2 & J-2A	5/ 1/68	
SX -110	Details of Stair J-5 & Elevator Shaft J-4	5/ 1/68	
SX -111	Details of Stairs J-4 & J-9	5/ 1/68	7/9/68
SX -112	Details of Stairs K-1 & K-1A	5/ 1/68	
SX -113	Details of Stair K-2 & Elevator Shaft K-1	5/ 1/68	
SX -114	Details of Stairs K-3 & K-3A	5/ 1/68	
SX -115	Details of Stairs K-4 & K-5	5/ 1/68	
SX -116	Details of Stairs K-6A & K-7A	5/ 1/68	
SX -117	Details of Stairs K-8 & K-17	5/ 1/68	
SX -118	Details of Miscellaneous Stairs	5/ 1/68	
SX -119	Details of Miscellaneous Stairs	5/ 1/68	
SX -120	Details of Stairs P-1 thru P-6	5/ 1/68	
SX -121	Details of Stairs P-7, P-8, P-13, P-18 thru P-23	5/ 1/68	
SX -122	Details of Miscellaneous Stairs within PATH area	5/ 1/68	
SX -123	Details of Elevator Shaft J-1, J-2 & J-3	5/ 1/68	

DRAWING NUMBER	DRAWING TITLE	DATE
SCX -124	Details of Elevator Shaft K-2 thru K-5	5/ 1/68
SCX -125	Details of Elevator Shaft H-1 thru H-4 & P-1	5/ 1/68
SCX -130	Elevation of Perimeter Wall-West Street (South)	5/ 1/68
SCX -131	Elevation of Perimeter Wall-West Street (North)	5/ 1/68
SCX -132	Elevation of Perimeter Wall-Greenwich Street (North)	5/ 1/68
SCX -133	Elevation of Perimeter Wall-Greenwich Street (South)	5/ 1/68
SCX -134	Elevation of Perimeter Wall-Vesey Street	5/ 1/68
SCX -135	Elevation of Perimeter Wall-Liberty Street	5/ 1/68
SCX -136	Elevation of Perimeter Wall-N. & S. Projections	5/ 1/68
SCX -137	Details of Ramps J, K & U	5/ 1/68
SCX -138	Details of Ramps J, K & U	5/ 1/68
SCX -139	Details of Ramps L & M	5/ 1/68
SCX -140	Details of Ramps N & V	5/ 1/68
SCX -141	Details of Ramps R & P	5/ 1/68
SCX -142	Details of Ramps S & H	5/ 1/68
SCX -143	Details of Ramps T & W	5/ 1/68
SCX -175	Post Tension Layout Zone J - El 264	5/ 1/68
SCX -176	Post Tension Layout Zone J - El 264	5/ 1/68
SCX -177	Post Tension Layout Zone K - El 264	5/ 1/68
SCX -178	Post Tension Layout Zone K - El 264	5/ 1/68
SX - 144	Sewage ejector & sump pits-detail	7/8/68
SX - 145	Wall openings for telephone ducts	8/16/68
SX - 146	Closure detail at tie-back anchorage in Perimeter Wall	6/24/68

2. Drawing Book 8 - Concrete-Reinforcing
(See index sheet 8-ABO-0, dated 3/1/68 and revised 5/31/68 and a new index sheet 8-ABO-0.1, dated 8/21/68, for listing and date of pages in Drawing Book 8).

3. A set of concrete drawings which bear the general title "The World Trade Center - The Port of New York Authority - Tower A", and are separately numbered, titled and dated as follows:

DRAWING NUMBER	DRAWING TITLE		DATE
SCA - 1	Concrete Plan Sub Level 5	El. 242	5/1/68
SCA - 2	Concrete Plan Sub Level 4	El. 253	5/1/68
SCA - 3	Concrete Plan Sub Level 3	El. 264 - Core	5/1/68
SCA - 4	Concrete Plan Sub Level 3	El. 264 - Floor	5/1/68
SCA - 5	Concrete Plan Sub Level 2	El. 274 - Core	5/1/68
SCA - 6	Concrete Plan Sub Level 2	El. 274 - Floor	5/1/68
SCA - 7	Concrete Plan Sub Level 1	El. 284 - Core	5/1/68
SCA - 8	Concrete Plan Sub Level 1	El. 284 - Floor	5/1/68
SCA - 9	Concrete Plan Service Level	El. 294 - Core	5/1/68
SCA - 10	Concrete Plan Service Level	El. 294 - Floor	5/1/68
SCA - 11	Concrete Floor Plan	El. 310 - Core	5/1/68
SCA - 12	Concrete Floor Plan -Floor #1	El. 310	5/1/68
SCA - 13	Concrete Plan Intermediate Level	El. 324'-2"	3/1/68
*SCA - 14	Concrete Plan Floor	2 - Core	3/1/68
*SCA - 15	Concrete Plan Floor	2 - Floor	3/1/68
SCA - 16	Concrete Plan Floor	3-6 - Core	3/1/68
SCA - 17	Concrete Plan Floor	7 - Core	3/1/68
SCA - 18	Concrete Plan Floor	7 - Floor	3/1/68
SCA - 19	Concrete Plan Floor	8 - Core	3/1/68
SCA - 20	Concrete Plan Floor	9 - Core	3/1/68
SCA - 21	Concrete Plan Floor	9 - Floor	3/1/68
SCA - 23	Concrete Plan Floors	10-40 - Floor	3/1/68
SCA - 24	Concrete Plan Floors	10-16 - Core	3/1/68
SCA - 30	Concrete Plan Floor	17 - Core	3/1/68
SCA - 31	Concrete Plan Floor	18 - Core	3/1/68
SCA - 32	Concrete Plan Floor	19 - Core	3/1/68
SCA - 33	Concrete Plan Floor	20 - Core	3/1/68
SCA - 34	Concrete Plan Floors	21-23 - Core	3/1/68
SCA - 37	Concrete Plan Floor	24 - Core	3/1/68
SCA - 38	Concrete Plan Floor	25 - Core	3/1/68
SCA - 39	Concrete Plan Floor	26 - Core	3/1/68
SCA - 40	Concrete Plan Floor	27 - Core	3/1/68
SCA - 41	Concrete Plan Floors	28-31 - Core	3/1/68
SCA - 45	Concrete Plan Floor	32 - Core	3/1/68
SCA - 46	Concrete Plan Floor	33 - Core	3/1/68
SCA - 47	Concrete Plan Floor	34 - Core	3/1/68
SCA - 48	Concrete Plan Floor	35 - Core	3/1/68
SCA - 49	Concrete Plan Floors	36-40 - Core	3/1/68
SCA - 54	Concrete Plan Floor	41 - Core	3/1/68
SCA - 55	Concrete Plan Floor	41 - Floor	3/1/68

*Note: Revise Note #1 on these Contract Drawings to read as follows:
Concrete - Lightweight Concrete

DRAWING NUMBER	DRAWING TITLE	DATE
SCA- 56	Concrete Plan Floor 42 - Core	3/ 1/68
SCA- 57	Concrete Plan Floor 43 - Core	3/ 1/68
SCA- 58	Concrete Plan Floor 43 - Floor	3/ 1/68
SCA- 59	Concrete Plan Floor 44 - Core	3/ 1/68
SCA- 60	Concrete Plan Floor 44 - Floor	3/ 1/68
SCA- 61	Concrete Plan Floor 45 - Core	3/ 1/68
SCA- 62	Concrete Plan Floor 45 - Floor	3/ 1/68
SCA- 63	Concrete Plan Floor 46 - Core	3/ 1/68
SCA- 64	Concrete Plan Floors 46,47,48 - Floor	3/ 1/68
SCA- 65	Concrete Plan Floor 47 - Core	3/ 1/68
SCA- 66	Concrete Plan Floor 48 - Core	3/ 1/68
SCA- 68	Concrete Plan Floors 49-74 - Floor	3/ 1/68
SCA- 69	Concrete Plan Floors 49-53 - Core	3/ 1/68
SCA- 74	Concrete Plan Floor 54 - Core	3/ 1/68
SCA- 75	Concrete Plan Floor 55 - Core	3/ 1/68
SCA- 76	Concrete Plan Floor 56 - Core	3/ 1/68
SCA- 77	Concrete Plan Floors 57,58 - Core	3/ 1/68
SCA- 79	Concrete Plan Floor 59 - Core	3/ 1/68
SCA- 80	Concrete Plan Floor 60 - Core	3/ 1/68
SCA- 81	Concrete Plan Floor 61 - Core	3/ 1/68
SCA- 82	Concrete Plan Floor 62 - Core	3/ 1/68
SCA- 83	Concrete Plan Floor 63 - Core	3/ 1/68
SCA- 84	Concrete Plan Floor 64 - Core	3/ 1/68
SCA- 85	Concrete Plan Floor 65 - Core	3/ 1/68
SCA- 86	Concrete Plan Floor 66 - Core	3/ 1/68
SCA- 87	Concrete Plan Floor 67 - Core	3/ 1/68
SCA- 88	Concrete Plan Floor 68 - Core	3/ 1/68,
SCA- 89	Concrete Plan Floor 69 - Core	3/ 1/68
SCA- 90	Concrete Plan Floors 70-73 - Core	3/ 1/68
SCA- 94	Concrete Plan Floor 74 - Core	3/ 1/68
SCA- 95	Concrete Plan Floor 75 - Core	3/ 1/68
SCA- 96	Concrete Plan Floor 75 - Floor	3/ 1/68
SCA- 97	Concrete Plan Floor 76 - Core	3/ 1/68
SCA- 98	Concrete Plan Floor 77 - Core	3/ 1/68
SCA- 99	Concrete Plan Floor 77 - Floor	3/ 1/68
SCA-100	Concrete Plan Floor 78 - Core	3/ 1/68
SCA-101	Concrete Plan Floor 78 - Floor	3/ 1/68
SCA-102	Concrete Plan Floor 79 - Core	3/ 1/68
SCA-103	Concrete Plan Floor 79 - Floor	3/ 1/68
SCA-104	Concrete Plan Floor 80 - Core	3/ 1/68

DRAWING NUMBER	DRAWING TITLE	DATE
SCA-105	Concrete Plan Floors 80,81,82 - Floor	3/ 1/68
SCA-106	Concrete Plan Floor 81 - Core	3/ 1/68
SCA-107	Concrete Plan Floor 82 - Core	3/ 1/68
SCA-109	Concrete Plan Floors 83-106 - Floor	3/ 1/68
SCA-111	Concrete Plan Floor 83 - Core	3/ 1/68
SCA-112	Concrete Plan Floors 84-86 - Core	3/ 1/68
SCA-114	Concrete Plan Floor 87 - Core	3/ 1/68
SCA-115	Concrete Plan Floor 88 - Core	3/ 1/68
SCA-116	Concrete Plan Floors 89,90,91 - Core	3/ 1/68
SCA-119	Concrete Plan Floor 92 - Core	3/ 1/68
SCA-120	Concrete Plan Floor 93 - Core	3/ 1/68
SCA-121	Concrete Plan Floor 94 - Core	3/ 1/68
SCA-122	Concrete Plan Floor 95 - Core	3/ 1/68
SCA-123	Concrete Plan Floors 96-99 - Core	3/ 1/68
SCA-127	Concrete Plan Floor 100 - Core	3/ 1/68
SCA-128	Concrete Plan Floor 101 - Core	3/ 1/68
SCA-129	Concrete Plan Floor 102 - Core	3/ 1/68
SCA-130	Concrete Plan Floors 103-104 - Core	3/ 1/68
SCA-132	Concrete Plan Floors 105 - Core	3/ 1/68
SCA-133	Concrete Plan Floors 106 - Core	3/ 1/68
SCA-134	Concrete Plan Floor 107 - Floor	3/ 1/68
SCA-135	Concrete Plan Floor 107 - Core	3/ 1/68
SCA-136	Concrete Plan Floor 108 - Core	3/ 1/68
SCA-137	Concrete Plan Floor 108 - Floor	3/ 1/68
SCA-138	Concrete Plan Floor 109 - Core	3/ 1/68
SCA-139	Concrete Plan Floor 110 - Core	3/ 1/68
SCA-140	Concrete Plan Floor 110 - Floor	3/ 1/68
SCA-141	Concrete Plan Penthouse Roof	3/ 1/68
SCA-142	Concrete Plans Secondary Levels	3/ 1/68
SCA-143	Concrete Plan Roofs Over Sub Stations; Escalator Pits	3/ 1/68
SCA-145	Post-Tensioning Layout - Sub Level #3, Elev. 264'	5/ 1/68

Drawing Book 8 - Concrete Reinforcing

4. A set of Concrete Drawings which bear the general title "The World Trade Center - The Port of New York Authority - Tower "B" and are separately numbered titled and dated as follows:

DRAWING NUMBER	DRAWING TITLE	DATE
SCB - 1	Concrete Plan Sub Level 5 El. 242	5/1/68
SCB - 2	Concrete Plan Sub Level 4 El. 253	5/1/68
SCB - 3	Concrete Plan Sub Level 3 El. 264 - Core	5/1/68
SCB - 4	Concrete Plan Sub Level 3 El. 264 - Floor	5/1/68
SCB - 5	Concrete Plan Sub Level 2 El. 274 - Core	5/1/68
SCB - 6	Concrete Plan Sub Level 2 El. 274 - Floor	5/1/68
SCB - 7	Concrete Plan Sub Level 1 El. 284 - Core	5/1/68
SCB - 8	Concrete Plan Sub Level 1 El. 284 - Floor	5/1/68
SCB - 9	Concrete Plan Service Level El. 294 - Core	5/1/68
SCB - 10	Concrete Plan Service Level El. 294 - Floor	5/1/68
SCB - 11	Concrete Floor Plan El. 310 - Core	5/1/68
SCB - 12	Concrete Floor Plan - Floor #1 El. 310	5/1/68
SCB - 13	Concrete Plan Intermediate Level	3/1/68
*SCB - 14	Concrete Plan Floor - 2 - Core	3/1/68
*SCB - 15	Concrete Plan Floor - 2 - Floor	3/1/68
SCB - 16	Concrete Plan Floors- 3-6 - Core	3/1/68
SCB - 17	Concrete Plan Floor - 7 - Core	3/1/68
SCB - 18	Concrete Plan Floor - 7 - Floor	3/1/68
SCB - 19	Concrete Plan Floor - 8 - Core	3/1/68
SCB - 20	Concrete Plan Floor - 9 - Core	3/1/68
SCB - 21	Concrete Plan Floor - 9 - Floor	3/1/68
SCB - 23	Concrete Plan Floors- 10-40 - Floor	3/1/68
SCB - 24	Concrete Plan Floors- 10-16 - Core	3/1/68
SCB - 30	Concrete Plan Floor - 17 - Core	3/1/68
SCB - 31	Concrete Plan Floor - 18 - Core	3/1/68
SCB - 32	Concrete Plan Floor - 19 - Core	3/1/68
SCB - 33	Concrete Plan Floor - 20 - Core	3/1/68
SCB - 34	Concrete Plan Floors- 21-23 - Core	3/1/68
SCB - 37	Concrete Plan Floor - 24 - Core	3/1/68
SCB - 38	Concrete Plan Floor - 25 - Core	3/1/68
SCB - 39	Concrete Plan Floor - 26 - Core	3/1/68
SCB - 40	Concrete Plan Floor - 27 - Core	3/1/68
SCB - 41	Concrete Plan Floors- 28-31 - Core	3/1/68
SCB - 45	Concrete Plan Floor - 32 - Core	3/1/68
SCB - 46	Concrete Plan Floor - 33 - Core	3/1/68
SCB - 47	Concrete Plan Floor - 34 - Core	3/1/68
SCB - 48	Concrete Plan Floor - 35 - Core	3/1/68
SCB - 49	Concrete Plan Floors- 36-40 - Core	3/1/68
SCB - 54	Concrete Plan Floor - 41 - Core	3/1/68
SCB - 55	Concrete Plan Floor - 41 - Floor	3/1/68

* Note: Revise note #1 on these Contract Drawings to read as follows:
Concrete - Lightweight Concrete

Drawing Number	DRAWING TITLE	DATE
SCB-56	Concrete Plan Floor 42 - Core	3/ 1/68
SCB-57	Concrete Plan Floor 43 - Core	3/ 1/68
SCB-58	Concrete Plan Floor 43 - Floor	3/ 1/68
SCB-59	Concrete Plan Floor 44 - Core	3/ 1/68
SCB-60	Concrete Plan Floor 44 - Floor	3/ 1/68
SCB-61	Concrete Plan Floor 45 - Core	3/ 1/68
SCB-62	Concrete Plan Floor 45 - Floor	3/ 1/68
SCB-63	Concrete Plan Floor 46 - Core	3/ 1/68
SCB-64	Concrete Plan Floors 46,47,48 - Floor	3/ 1/68
SCB-65	Concrete Plan Floor 47 - Core	3/ 1/68
SCB66	Concrete Plan Floor 48 - Core	3/ 1/68
SCB-68	Concrete Plan Floors 49-74 - Floor	3/ 1/68
SCB-69	Concrete Plan Floors 49-53 - Core	3/ 1/68
SCB-74	Concrete Plan Floor 54 - Core	3/ 1/68
SCB-75	Concrete Plan Floor 55 - Core	3/ 1/68
SCB-76	Concrete Plan Floor 56 - Core	3/ 1/68
SCB-77	Concrete Plan Floors 57,58 - Core	3/ 1/68
SCB-79	Concrete Plan Floor 59 - Core	3/ 1/68
SCB-80	Concrete Plan Floor 60 - Core	3/ 1/68
SCB-81	Concrete Plan Floor 61 - Core	3/ 1/68
SCB-82	Concrete Plan Floor 62 - Core	3/ 1/68
SCB-83	Concrete Plan Floor 63 - Core	3/ 1/68
SCB-84	Concrete Plan Floor 64 - Core	3/ 1/68
SCB-85	Concrete Plan Floor 65 - Core	3/ 1/68
SCB-86	Concrete Plan Floor 66 - Core	3/ 1/68
SCB-87	Concrete Plan Floor 67 - Core	3/ 1/68
SCB-88	Concrete Plan Floor 68 - Core	3/ 1/68
SCB-89	Concrete Plan Floor 69 - Core	3/ 1/68
SCB-90	Concrete Plan Floors 70-73 - Core	3/ 1/68
SCB-94	Concrete Plan Floor 74 - Core	3/ 1/68
SCB-95	Concrete Plan Floor 75 - Core	3/ 1/68
SCB-96	Concrete Plan Floor 75 - Floor	3/ 1/68
SCB-97	Concrete Plan Floor 76 - Core	3/ 1/68
SCB-98	Concrete Plan Floor 77 - Core	3/ 1/68
SCB-99	Concrete Plan Floor 77 - Floor	3/ 1/68
SCB100	Concrete Plan Floor 78 - Core	3/ 1/68
SCB-101	Concrete Plan Floor 78 - Floor	3/ 1/68
SCB-102	Concrete Plan Floor 79 - Core	3/ 1/68
SCB-103	Concrete Plan Floor 79 - Floor	3/ 1/68
SCB-104	Concrete Plan Floor 80 - Core	3/ 1/68

DRAWING NUMBER	DRAWING TITLE	DATE
SCB -105	Concrete Plan Floors 80,81,82 - Floor	3/ 1/68
SCB -106	Concrete Plan Floor 81 - Core	3/ 1/68
SCB -107	Concrete Plan Floor 82 - Core	3/ 1/68
SCB -109	Concrete Plan Floors 83-106 - Floor	3/ 1/68
SCB -111	Concrete Plan Floor 83 - Core	3/ 1/68
SCB -112	Concrete Plan Floors 84-86 - Core	3/ 1/68
SCB -114	Concrete Plan Floor 87 - Core	3/ 1/68
SCB -115	Concrete Plan Floor 88 - Core	3/ 1/68
SCB -116	Concrete Plan Floors 89,90,91 - Core	3/ 1/68
SCB -119	Concrete Plan Floor 92 - Core	3/ 1/68
SCB -120	Concrete Plan Floor 93 - Core	3/ 1/68
SCB -121	Concrete Plan Floor 94 - Core	3/ 1/68
SCB -122	Concrete Plan Floor 95 - Core	3/ 1/68
SCB -123	Concrete Plan Floors 96-99 - Core	3/ 1/68
SCB -127	Concrete Plan Floor 100 - Core	3/ 1/68
SCB -128	Concrete Plan Floor 101 - Core	3/ 1/68
SCB -129	Concrete Plan Floor 102 - Core	3/ 1/68
SCB -130	Concrete Plan Floors 103-104 - Core	3/ 1/68
SCB -132	Concrete Plan Floors 105 - Core	3/ 1/68
SCB -133	Concrete Plan Floors 106 - Core	3/ 1/68
SCB -134	Concrete Plan Floor 107 - Floor	3/ 1/68
SCB -135	Concrete Plan Floor 107 - Core	3/ 1/68
SCB -136	Concrete Plan Floor 108 - Core	3/ 1/68
SCB -137	Concrete Plan Floor 108 - Floor	3/ 1/68
SCB -138	Concrete Plan Floor 109 - Core	3/ 1/68
SCB -139	Concrete Plan Floor 110 - Core	3/ 1/68
SCB -140	Concrete Plan Floor 110 - Floor	3/ 1/68
SCB -141	Concrete Plan Penthouse Roof	3/ 1/68
SCB -142	Concrete Plans Secondary Levels	3/ 1/68
SCB -143	Concrete Plan Roofs Over Sub Stations; Escalator Pits	3/ 1/68
SCB -145	Post-Tensioning Layout-Sub Level #3, Elev. 264'	5/ 1/68
	Drawing Book 8 - Concrete - Reinforcing	3/ 1/68

C. FOUNDATIONS

1. A set of structural drawings which bear the general title "The World Trade Center-The Port Of New York Authority-Foundations Contract WTC-130.002" and are separately numbered and titled as follows:

Drawing No.	Title	Latest Rev. Date
F-X-1	"Site Plan & Index"	1/16/67
F-X-2	"General Plan"	1/16/67
F-X-3	"Perimeter Wall-West Street"	3/31/67
F-L-4	"Perimeter Wall-Liberty St."	10/5/67
F-X-5	"Perimeter Wall-Greenwich St."	12/ 6/67
F-J-6	"Perimeter Wall-Vesey Street"	4/19/67
F-X-7	"Perimeter Wall-West Street" "Conduit & Duct Support Details"	1/23/67
F-X-8	"Perimeter Wall-Greenwich St. -Sections"	1/16/67
F-X-9	"[illegible] Tendon Anchorage X-Y Type Assembly	1/16/67
F-X-10	"Perimeter Wall Tabulation"	2/17/68
F-X-11	"Perimeter Wall-Typical Details & Tie-back Tendon Weldment"	1/16/67
F-J-12	"Perimeter Wall-West St. Projection At North Tube Plan & Sections"	1/24/68
F-X-13	"Perimeter Wall-West St. Projection At North Tube Details & Sections"	12/14/67
F-L-14	"Perimeter Wall- West St. Projection at South Tube Plan & Sections"	1/24/68
F-X-15	"Perimeter Wall-West St. Projection at South Tube Details & Sections	12/14/67
F-X-16	"Perimeter Wall-West St.-Projection at North & South Tube-Bracing Details	12/14/67
F-J-17	"Basement Plan-Area J"	1/16/67
F-K-18	"Basement Plan-Area K"	1/16/67
F-L-19	"Basement Plan-Area L"	1/16/67
F-X-20	"Perimeter Wall-Sections & Details	6/ 2/67
F-K-21	"Ramp A & D-West Street"	7/11/67
F-K-22	"Ramps B & C-West Street"	5/11/67
F-X-23	"Ramps A & D -West St. -Sects. & Details"	5/11/67
F-X-24	"Ramps B & C -West St. - Sections & Details"	5/11/67
F-X-25	"Ramps A, B, C & D-West St.-Sects. & Schedules"	1/16/67
F-X-26	"Ramps A, B, C & D-West St. -Sections"	7/11/67
F-X-27	"Typical Ramp Details"	5/11/67
F-K-28	"Tower A -Plan of Concrete Piers for Columns"	6/19/68
F-L-29	"Tower B -Plan of Concrete Piers for Columns"	1/16/67
F-X-30	"Towers A & B -Typical Sections"	5/23/68
F-X-31	"Towers A & B -Elevator Pit/Plan & Sections	5/23/68
F-X-32	"Towers A & B-Sections"	1/16/67
F-X-33	"Path Tubes-Temporary Support/Plan & Elevation"	5/ 3/68
F-X-34	"Path-Tubes/Temporary support/Sections & Details"	5/23/68

Drawing No.	Title	Latest Rev. Date
F-X-35	"Path Tubes-Temporary Support-Sections & Details"	1/16/67
F-J-36	"IRT SUBWAY-Fulton St. Exit & North Path Stub Tun'l Closure"	8/4/67
F-K-37	"IRT Subway-Dey Street-Ejector Pit Removal"	1/16/67
F-L-38	"IRT Subway-Cortlandt St. Exit & South Path Stub Tun'l Closure"	8/4/67
F-X-39	"Plan of Construction Areas"	3/6/67
F-X-40	"Excavation Sequence"	1/16/67
F-X-41	"Excavation Paylines - Plan & Sections"	1/16/67
F-X-42	"Excavation Paylines - Plan & Sections"	1/16/67
F-X-43	"Piezometer Details"	1/16/67
F-X-44	"Areas Available for Wall Construction"	1/16/67
U-J-52	"Plan - Vesey Street - West Section"	6/6/68
U-N-53	"Plan - Church Street - North Section"	1/16/67
U-P-54	"Plan - Church Street - South Section"	1/16/67
U-N-55	"Plan - Church St. Intersections: Cortlandt, Dey, Fulton Streets"	1/16/67
U-D-56	"Utilities Vicinity of Truck Ramp"	5/28/68
U-K-57	"Auto Ramps - A & D - Plan & Profile"	4/4/67
U-K-58	"Auto Ramps - B & C - Plan & Profile"	4/4/67
U-K-59	"Auto Ramps - Pavement Details"	8/4/67
U-X-60	"Truck Ramps - Profiles & Details"	7/18/67
U-X-61	"Truck Ramps - Details"	1/23/68
U-X-62	"Truck Ramps - Pavement Details"	1/25/68
U-D-63	"Truck Ramps - Grading Plan"	1/16/67
U-X-64	"Sewer Manholes - Plans & Sections"	1/16/67
U-N-65	"High Pressure Water Main - Profile"	1/16/67
U-N-66	"Low Pressure Water Main - Profile"	1/16/67
U-J-67	"Communication Duct Bank - Manholes"	5/5/67
U-X-68	"Communication Duct Bank - Profile & Details"	1/16/67
U-D-69	"Greenwich St. Steam Main - Plan & Profile"	9/20/67
U-K-70	"Electrical Provision for Auto Ramps A & D"	1/16/67
U-K-71	"Electrical Provisions for Auto Ramps B & C"	1/16/67
U-K-72	"Electrical Provisions for Truck Ramps"	1/16/67
U-K-73	"Pavements - Heating & Details"	1/16/67
U-M-74	"Church St. Steam Main - Plan & Profile"	1/16/67
U-M-75	"Profiles - Feeder #5 & Feeder #2A"	1/16/67

Drawing No.	Title	Latest Rev. Date
R-1	"IRT Subway - Dey St. - Temporary Stairway"	8/4/67
R-2	"IRT Subway - Cortlandt St. - Temp. Stairway & Steam Pipe Relocation:	8/4/68
R-3	"Perimeter Wall - West St. - Projection North & South Tubes Rebuilt Sewer - Plan & Details"	5/31/67
R-4	"Elev. of Reinf. Steel & Dowels at top of Perimeter Wall"	1/16/67
R-5	"Post for Support of Telephone Ducts along West St."	3/13/67
R-6	"Perimeter Wall Sects. Along West & Vesey Sts."	4/20/68
R-12	"Sewer Reconstruction @ Communication Manhole #5"	4/24/67
R-13	"Perimeter Wall Greenwich St. - Relocation of Perimeter Wall at Intersection of Liberty & Greenwich Sts."	5/1/67
R-14	"IRT Subway - Cortlandt St. Exit - Temp. Timber Stairway"	5/19/67
R-15	"PATH Tubes - Temp. Support of South Tube Within Tower B"	5/17/67
R-16	"Temp. Supports of Tele. Ducts on West St. Sheet 1 of 2"	5/19/67
R-17	"Temp. Supports of Tele. Ducts on West St. Sheet 2 of 2"	12/18/67
R-18	"Installation of Electrical Ducts @ Church St. & Fulton St."	5/11/67
R-19	"Keystone Building Foundation @ Vesey Street"	6/15/67
R-20	"Timber Shanty Over Telephone Vaults"	5/31/67
R-21	"Vesey St. Siphon - Location Plan & Section"	5/24/68
R-22	"Vesey St. Siphon - Manhole Details"	5/24/68
R-23	"Load Cell Installation Assembly & Details"	7/13/67
R-24	"Temp. Supports of Tele. Ducts at North Projection"	12/12/67
R-25	"Sewer Restoration - Liberty & West Sts."	6/16/67
R-26	"Truck Ramps - Alignment"	10/23/67
R-27	"Truck Ramps - Open Section - Wall Elevations & Cross Sects:	2/27/68
R-29	"Dynamometer Cable Protection at Top of Perimeter Walls"	7/13/67
R-30	"Perimeter Wall - Greenwich & Liberty Streets"	10/25/67

Drawing No.	Title	Latest Rev. Date
R-32	"Pump Station Discharge & Effluent Lines & Building Drain Line - Plan & Details"	5/10/68
R-33	"Pump Station Discharge & Effluent Lines & Building Drain Line - Profiles & Details"	5/10/68
R-34	"Pump Station Discharge & Effluent Lines - Details"	7/17/68
R-35	"Revised Con-Ed Feeder 2A at West Broadway"	8/10/67
R-36	"Con Edison Feeders No. 2 & 3"	9/15/67
R-38	"Revised Steam Main Location/Vesey & Greenwich Streets"	11/30/67
R-39	"Protection & Support of Telephone Ducts"	1/10/68
R-40	"Temporary Electrical Substation"	2/27/68
R-41	"Piezometer Details"	12/15/67
R-42		
R-43	"Temp. Supports of Tele. Ducts in Projection"	12/5/67
R-44	"Revised Bracing & Utilities Supports in No. & So. Projections"	1/24/68
R-45	"Revised Bracing Utilities Supports in North & South Projections"	1/24/68
R-46	"Alteration to Tele. Duct Support @ West St. Ramps"	1/2/68
R-47	"Revised Panel & Hanger Spacing - North Tube Trusses"	1/12/68
R-49	"Truck Ramp - Curbs at Perimeter Wall"	4/25/68
R-50	"Revise Panel & Hanger Spacing - North Tube Trusses Sheet #2"	5/6/68
R-51	"Temp. Trestle for Access to Tower A - Foundation Area"	6/11/68
R-52	"Pump Discharge - North Tele. Vault"	7/16/68
R-53	"Pump Discharge - South Tele. Vault"	7/16/68
R-54	"Pump Station Discharge Line"	5/17/68
R-55	"Flashing Details @ Auto & Truck Ramps @ Perimeter Wall"	5/24/68
R-56	"Rock Test Details"	7/12/68
R-62	"Fdtns. Zone J-3 - Fdtn & Trenching Plan"	5/23/68
R-63	"Fdtns. Zone J-4 - Fdtn & Trenching Plan"	5/23/68
R-64	"Fdtns. Zone J-5 - Fdtn & Trenching Plan"	5/23/68
R-65	"Fdtns. Zone J-6 - Fdtn & Trenching Plan"	5/23/68
R-66	"Fdtns. Zone K-1 - Fdtn & Trenching Plan"	7/9/68
R-72	"Tower A - Excavation Plan/Rock Trenches & Pits for Plumbing"	6/19/68
R-73	"Tower A - Column Uplift Anchorage - Plan & Details"	6/19/68

). ELEVATORS AND ESCALATORS

A set of Elevator and Escalator drawings which bear the general title "The World Trade Center - The Port of New York Authority - Tower A and are separately numbered, dated and titled as follows:

Drawing No.	Drawing Title	Date	Rev. Date
L-A-1	DRAWING INDEX	5/15/67	----
L-A-2	ZONE I - PIT PLAN BANKS A, B, C &D & FREIGHT ELEVATORS	7/15/66	4/29/67
L-A-3	ZONE I - RISER BANKS A & B - SECONDARY & MACHINE ROOM PLANS	7/15/66	5/1/67
L-A-4	ZONE I - BANKS C & D - SECONDARY & MACHINE ROOM PLANS	7/15/66	5/22/67
L-A-5	ZONE I - ELEVATIONS BANKS A, B, C & D	7/15/66	5/1/67
L-A-6	ZONE II - PIT PLAN - BANKS A, B, C & D	7/15/66	5/22/67
L-A-7	ZONE II - RISER BANKS A & B - SECONDARY & MACHINE ROOM PLANS	7/15/66	5/2/67
L-A-8	ZONE II - BANKS C & D - SECONDARY AND MACHINE ROOM PLANS	7/15/66	5/22/67
L-A-9	ZONE II - ELEVATION BANKS A, B, C & D	7/15/66	5/22/67
L-A-10	ZONE III - PIT PLAN - BANKS A, B, C & D	7/15/66	5/3/67
L-A-11	ZONE III - RISER BANKS A & D - SECONDARY AND MACHINE ROOM PLANS	7/15/66	5/3/67
L-A-12	ZONE III - BANKS B & C - SECONDARY & MACHINE ROOM PLANS	7/15/66	5/3/67
L-A-13	ZONE III - ELEVATIONS - BANKS A, B, C & D	7/15/66	5/3/67
L-A-14	FREIGHT ELEVATORS 48, 49 & 50 - ELEVATIONS - SECONDARY & MACHINE ROOM PLANS	7/15/66	5/22/67
L-A-15	SHUTTLE ELEVATORS 1-11 - HOISTWAY PLAN	7/15/66	5/5/67
L-A-16	SHUTTLE ELEVATOR - M G ROOMS	7/15/66	5/5/67

Drawing No.	Drawing Title	Date	Rev. Da
L-A-17	ZONE II - SHUTTLE ELEVATORS - SECONDARY LEVEL - FE99 - ELEVATION SECONDARY LEVEL NO6, 7 & FE50	7/15/66	5/22/67
L-A-18	ZONE II - SHUTTLE ELEVATORS - MACHINE ROOM FE99 & MACHINE ROOM FE50	7/15/66	5/22/67
L-A-19	SHUTTLE ELEVATORS 12-23 - HOISTWAY PLAN	7/15/66	5/8/67
L-A-20	ZONE III - SHUTTLE ELEVATORS - SECONDARY LEVEL	7/15/66	5/22/67
L-A-21	ZONE III - SHUTTLE ELEVATORS - MACHINE ROOM	4/1/67	5/22/67
L-A-22	ZONE II & III - SHUTTLE ELEVATORS - ELEVATIONS	7/15/67	5/8/67
L-A-23	SHUTTLE & FREIGHT ELEVATORS - RISER & PILOT VALVE	4/1/66	5/9/67
L-A-24	TOWER ESCALATORS - NOS. A-3 THRU A-10	8/1/66	5/10/67
L-A-25	TOWER ESCALATORS - NOS. A-1 & A-2	8/1/66	5/22/67
L-A-26	TOWER ESCALATORS - PLOT PLAN	4/7/67	5/13/67
L-J-1	BELOW GRADE DRAWING INDEX	5/15/67	5/29/67
L-J-2	ELEVATOR DETAILS - ELEVATOR NOS. J1, J2 & J3	9/16/66	5/16/67
L-K-1	ELEVATOR DETAILS - ELEVATOR NOS. K2 THRU K5	9/16/66	5/25/67
L-K-2	ELEVATOR DETAILS - ELEVATOR NOS. J-4, K-1 & P1	9/16/66	5/25/67
L-K-3	ESCALATOR DETAILS - NOS. P-1 TO P-8	9/27/66	4/1/67
L-K-4	ESCALATOR NOS. P-11 THRU P-18; K-1, K-2 & K-3 - DETAILS	10/4/66	5/22/67
L-K-5	ESCALATOR NOS. P-19 THRU P-27, P-9 & P-10 - DETAILS	10/4/66	6/15/67
L-K-6	BELOW GRADE ESCALATOR PLOT PLAN	4/7/67	5/16/67
AB-1	ELEVATOR HARDWARE	5/26/67	-

E. PLUMBING

1. A set of Plumbing Below-Grade drawings which bear the general title "The World Trade Center - The Port of New York Authority - Plumbing - Sub-Grade Drawings," and are dated 3/15/68, and are numbered as follows:

Numbered	Titled	Revised
P-J-1	Sub-grade plan - Zone J-Sub-Level #5 Elevation 242'	5/22/68
P-J-2	Sub-Grade Plan - Zone J - Sub-Level #5 - Elevation 242' Tower A	5/22/68
P-K-3	Sub-Grade Plan - Zone K - Sub-Level #5 - Elevation 242	5/22/68
P-K-4	Sub-Grade Plan - Zone K - Sub-Level #5 - Elevation 242 - Tower B	5/22/68
P-J-5	Sub-Grade Plan - Zone J - Sub-Level #4 - Elevation 253	5/22/68
P-K-6	Sub-Grade Plan - Zone K - Sub-Level #4 - Elevation 253	5/22/68
P-J-7	Sub-Grade Plan - Zone J - Sub-Level #3 - Elevation 264	5/22/68
P-K-8	Sub-Grade Plan - Zone K - Sub-Level #3 - Elevation 264	5/22/68
P-J-9	Sub-Grade Plan - Zone J - Sub-Level #2 - Elevation 274	5/22/68
P-K-10	Sub-Grade Plan - Zone K - Sub-Level #2 - Elevation 274	5/22/68
P-J-11	Sub-Grade Plan - Zone J - Sub-Level #1 - Elevation 279 - 284	5/22/68
P-K-12	Sub-Grade Plan - Zone K - Sub-Level #1 - Elevation 279	5/22/68

Numbered	Titled	Revised
P-J-13	Sub-Grade Plan - Zone J- Service Level - Elevation 290-294	5/22/68
P-K-14	Sub-Grade Plan - Zone K - Service Level - Elevation 294	5/22/68
P-X-15	Utility Rack - Elevation 290-294	5/22/68
P-X-16	Detail Sheet #1	5/22/68
P-X-17	Detail Sheet #2	5/22/68
P-X-18	Detail Sheet #3	5/22/68
P-X-19	Detail Sheet #4	5/22/68
P-X-20	Detail Sheet #5	5/22/68
P-X-22	Sanitary Riser Diagram	5/22/68
P-X-23	Water & F.S.P. Riser Diagram	5/22/68
P-X-26	Equipment Schedule #1	5/22/68
P-X-27	Equipment Schedule #2	5/22/68
P-X-50	Sub-Grade Plan - Zone J - Sub-Drainage Plan	5/22/68
P-X-51	Sub-Grade Plan - Zone K - Sub-Drainage Plan	5/22/68
P-X-52	Sub-Grade Plan - Sub-Drainage Details	5/22/68
P-X-60	Outside Utility Connections - Water Service	5/22/68

2. A set of Plumbing drawings which bear the general title "The World Trade Center - Plumbing - Tower A" dated October 16, 1967 and are separately numbered and titled as follows:

Drawing Number	Drawing Title	Revised
P-A-1	Dwg. Index, Gen. Notes, Symbols & Fixt. Conn. Sch.	7-15-68
P-A-2	Sub-Level No. 5 M.E.R. - Lower Level Plan.	4-25-68
P-A-3	Sub-Level No. 5 M.E.R. - Upper Level Plan.	7-15-68
P-A-5	Sub-Level No. 3 - Elev. 264 Floor Plan.	4-25-68
P-A-6	Sub-Level No. 2 - Elev. 274 Floor Plan.	4-25-68
P-A-7	Sub-Level No. 1 - Elev. 284 Floor Plan.	4-25-68
P-A-8	Service Level - Elev. 294 Floor Plan.	7-15-68
P-A-9	1st Floor Plan - Concourse Level.	7-15-68
P-A-10	2nd Floor Plan - Plaza Level.	4-25-68
P-A-11	3rd Floor Plan.	4-25-68
P-A-12	4th Floor Plan.	4-25-68
P-A-13	5th Floor Plan.	4-25-68
P-A-14	6th Floor Plan.	7-15-68
P-A-15	7th Floor M.E.R.	7-15-68
P-A-16	8th Floor M.E.R.	7-15-68
P-A-18	9th - 18th Floor Plan.	1-15-68
P-A-19	19th Floor Plan.	1-15-68
P-A-20	20th - 24th Floor Plan.	7-15-68
P-A-21	25th and 26th Floor Plan.	1-15-68
P-A-22	27th - 32nd Floor Plan.	
P-A-23	33rd and 34th Floor Plan.	
P-A-24	35th - 40th Floor Plan.	7-15-68
P-A-25	41st Floor M.E.R.	7-15-68
P-A-26	42nd Floor M.E.R.	7-15-68
P-A-29	43rd Floor Plan.	7-15-68
P-A-30	44th Floor Plan - Skylobby.	1-15-68
P-A-31	45th Floor Plan.	1-15-68
P-A-32	46th Floor Plan.	
P-A-33	47th Floor Plan.	
P-A-34	48th Floor Plan.	
P-A-35	49th - 54th Floor Plan.	1-15-68
P-A-36	55th - 58th Floor Plan.	1-15-68
P-A-37	59th Floor Plan.	1-15-68
P-A-38	60th and 61st Floor Plan.	1-15-68
P-A-39	62nd and 63rd Floor Plan.	1-15-68
P-A-40	64th - 66th Floor Plan.	1-15-68
P-A-41	67th - 73rd Floor Plan.	1-15-68
P-A-42	74th Floor Plan.	1-15-68
P-A-43	75th Floor M.E.R.	7-15-68
P-A-44	76th Floor M.E.R.	7-15-68
P-A-47	77th Floor Plan.	1-15-68
P-A-48	78th Floor Plan - Skylobby.	1-15-68
P-A-49	79th Floor Plan.	1-15-68
P-A-50	80th and 81st Floor Plan.	
P-A-51	82nd Floor Plan.	
P-A-52	83rd - 86th Floor Plan.	

Drawing Number	Drawing Title	Revised
P-A-53	87th - 92nd Floor Plan.	
P-A-54	93rd Floor Plan.	
P-A-55	94th - 102nd Floor Plan.	1-15-68
P-A-56	103rd - 106th Floor Plan.	
P-A-57	107th Floor Plan.	1-15-68
P-A-58	108th Floor M.E.R. - Lower Level Plan.	
P-A-59	109th Floor M.E.R. - Upper Level Plan.	1-15-68
P-A-60	110th Floor Plan.	1-15-68
P-A-61	Roof and Bulkhead Plan.	
P-A-64	Detail Sheet No. 1	1-15-68
P-A-65	Detail Sheet No. 2	1-15-68
P-A-66	Detail Sheet No. 3	1-15-68
P-A-67	Detail Sheet No. 4	1-15-68
P-A-68	Detail Sheet No. 5	1-15-68
P-A-69	Detail Sheet No. 6	1-15-68
P-A-70	Detail Sheet No. 7	7-15-68
P-A-71	Detail Sheet No. 8	7-15-68
P-A-72	Detail Sheet No. 9	1-15-68
P-A-73	Detail Sheet No. 10	1-15-68
P-A-74	Detail Sheet No. 11	1-15-68
P-A-75	Sanitary, Water and F.S.P. - Sub-Level Riser Diag.	7-15-68
P-A-76	Sanitary Riser Diagram Sheet No. 1.	7-15-68
P-A-77	Sanitary Riser Diagram Sheet No. 2.	1-15-68
P-A-78	Sanitary Riser Diagram Sheet No. 3.	1-15-68
P-A-79	Sanitary Riser Diagram Sheet No. 4.	1-15-68
P-A-80	Sanitary Riser Diagram Sheet No. 5.	
P-A-81	Sanitary Riser Diagram Sheet No. 6.	1-15-68
P-A-82	Water Riser Diagram Sheet No. 1.	4-25-68
P-A-83	Water Riser Diagram Sheet No. 2.	1-15-68
P-A-84	Water Riser Diagram Sheet No. 3.	1-15-68
P-A-85	Water Riser Diagram Sheet No. 4.	1-15-68
P-A-86	Water Riser Diagram Sheet No. 5.	1-15-68
P-A-87	Water Riser Diagram Sheet No. 6.	
P-A-88	Leader, and F.S.P. Riser Diagram Sheet No. 1.	
P-A-89	Leader, and F.S.P. Riser Diagram Sheet No. 2.	
P-A-90	Leader, and F.S.P. Riser Diagram Sheet No. 3.	7-15-68
P-A-91	Leader, and F.S.P. Riser Diagram Sheet No. 4.	1-15-68
P-A-92	Leader, and F.S.P. Riser Diagram Sheet No. 5.	7-15-68
P-A-93	Leader, and F.S.P. Riser Diagram Sheet No. 6.	1-15-68
P-A-94	Plumbing Equipment Schedule Sheet No. 1.	1-15-68
P-A-95	Plumbing Equipment Schedule Sheet No. 2.	2-20-68

Contract Booklet - The Port of New York Authority - The World Trade Center - Contract WTC-02.530 - Plumbing - Tower A- October 1967.

3. A set of Plumbing drawings which bear the general title "The World Trade Center - Plumbing - Tower B" dated January 15, 1968 and are separately numbered and titled as follows:

Drawing Number	Drawing Title	Revised
P-B-1	Dwg. Index, Gen. Notes, Symbols & Fixt. Conn. Sch.	5/24/68
P-B-2	Sub-Level No. 5 M.E.R. - Lower Level Plan.	5/24/68
P-B-3	Sub-Level No. 5 M.E.R. - Upper Level Plan.	5/24/68
P-B-5	Sub-Level No. 3 - Elev. 264 Floor Plan.	4/25/68
P-B-6	Sub-Level No. 2 - Elev. 274 Floor Plan.	4/25/68
P-B-7	Sub-Level No. 1 - Elev. 284 Floor Plan.	4/25/68
P-B-8	Service Level - Elev. 294 Floor Plan.	7/15/68
P-B-9	1st Floor Plan - Concourse Level	7/15/68
P-B-10	2nd Floor Plan - Plaza Level	5/24/68
P-B-11	3rd Floor Plan.	5/24/68
P-B-12	4th Floor Plan.	5/24/68
P-B-13	5th Floor Plan.	5/24/68
P-B-14	6th Floor Plan.	5/24/68
P-B-15	7th Floor M.E.R.	7/15/68
P-B-16	8th Floor M.E.R.	5/24/68
P-B-18	9th - 18th Floor Plan.	5/24/68
P-B-19	19th Floor Plan.	
P-B-20	20th - 24th Floor Plan.	5/24/68
P-B-21	25th and 26th Floor Plan.	
P-B-22	27th - 32nd Floor Plan.	
P-B-23	33rd and 34th Floor Plan.	
P-B-24	35th - 40th Floor Plan.	7/15/68
P-B-25	41st Floor M.E.R.	7/15/68
P-B-26	42nd Floor M.E.R.	7/15/68
P-B-29	43rd Floor Plan.	7/15/68
P-B-30	44th Floor Plan - Skylobby.	
P-B-31	45th Floor Plan.	
P-B-32	46th Floor Plan.	
P-B-33	47th Floor Plan.	
P-B-34	48th Floor Plan.	
P-B-35	49th - 54th Floor Plan.	
P-B-36	55th - 58th Floor Plan.	
P-B-37	59th Floor Plan.	
P-B-38	60th and 61st Floor Plan.	
P-B-39	62nd and 63rd Floor Plan.	
P-B-40	64th - 67th Floor Plan.	
P-B-41	68th - 73rd Floor Plan.	
P-B-42	74th Floor Plan.	
P-B-43	75th Floor M.E.R.	7/15/68
P-B-44	76th Floor M.E.R.	7/15/68
P-B-47	77th Floor Plan.	
P-B-48	78th Floor Plan - Skylobby.	
P-B-49	79th Floor Plan.	
P-B-50	80th and 81st Floor Plan.	
P-B-51	82nd Floor Plan.	

Drawing Number	Drawing Title	Revised
P-B-52	83rd - 86th Floor Plan.	
P-B-53	87th - 92nd Floor Plan.	
P-B-54	93rd Floor Plan.	
P-B-55	94th - 102nd Floor Plan.	
P-B-56	103rd - 106th Floor Plan.	
P-B-57	107th Floor Plan.	
P-B-58	108th Floor M.E.R. - Lower Level Plan.	
P-B-59	109th Floor M.E.R. - Upper Level Plan.	
P-B-60	110th Floor Plan.	
P-B-61	Roof and Bulkhead Plan.	
P-B-64	Detail Sheet No. 1	
P-B-65	Detail Sheet No. 2	
P-B-66	Detail Sheet No. 3	
P-B-67	Detail Sheet No. 4	
P-B-68	Detail Sheet No. 5	
P-B-69	Detail Sheet No. 6	
P-B-70	Detail Sheet No. 7	7/15/68
P-B-71	Detail Sheet No. 8	7/15/68
P-B-72	Detail Sheet No. 9	
P-B-73	Detail Sheet No. 10	
P-B-74	Detail Sheet No. 11	
P-B-75	Sanitary, Water and F.S.P. - Sub-Level Riser Diag.	7/15/68
P-B-76	Sanitary Riser Diagram Sheet No. 1.	7/15/68
P-B-77	Sanitary Riser Diagram Sheet No. 2.	
P-B-78	Sanitary Riser Diagram Sheet No. 3.	
P-B-79	Sanitary Riser Diagram Sheet No. 4.	
P-B-80	Sanitary Riser Diagram Sheet No. 5.	
P-B-81	Sanitary Riser Diagram Sheet No. 6.	
P-B-82	Water Riser Diagram Sheet No. 1.	5/24/68
P-B-83	Water Riser Diagram Sheet No. 2.	
P-B-84	Water Riser Diagram Sheet No. 3.	
P-B-85	Water Riser Diagram Sheet No. 4.	
P-B-86	Water Riser Diagram Sheet No. 5.	
P-B-87	Water Riser Diagram Sheet No. 6.	
P-B-88	Leader, and F.S.P. Riser Diagram Sheet No. 1.	
P-B-89	Leader, and F.S.P. Riser Diagram Sheet No. 2.	
P-B-90	Leader, and F.S.P. Riser Diagram Sheet No. 3.	7/15/68
P-B-91	Leader, and F.S.P. Riser Diagram Sheet No. 4.	
P-B-92	Leader, and F.S.P. Riser Diagram Sheet No. 5.	7/15/68
P-B-93	Leader, and F.S.P. Riser Diagram Sheet No. 6.	
P-B-94	Plumbing Equipment Schedule Sheet No. 1.	5/24/68
P-B-95	Plumbing Equipment Schedule Sheet No. 2.	

F. HEATING, VENTILATION AND AIR CONDITIONING.

1. A set of heating, ventilating and air conditioning drawings which bear the general title "The World Trade Center - Sub-Grade - Mechanical" dated June 10, 1968 and are separately numbered and entitled as follows:

Numbered	Titled
M-JK-1	Drawing Index, Symbols & Abbreviations
M-J-2	Sub-Grade Plan Zone J Sub-Level 5 El. 242
M-K-3	Sub-Grade Plan Zone K Sub-Level 5 El. 242
M-J-4	Sub-Grade Plan Zone J Sub-Level 4 El. 253
M-K-5	Sub-Grade Plan Zone K Sub-Level 4 El. 253
M-J-6	Sub-Grade Plan Zone J Sub-Level 3 El. 264
M-K-7	Sub-Grade Plan Zone K Sub-Level 3 El. 264
M-J-8	Sub-Grade Plan Zone J Sub-Level 2 El. 274
M-K-9	Sub-Grade Plan Zone K Sub-Level 2 El. 274
M-J-10	Sub-Grade Plan Zone J Sub-Level 1 El. 284-279'-3"

Numbered	Titled
M-K-11	Sub-Grade Plan Zone K Sub-Level 1 El. 284-279'-3"
M-J-12	Sub-Grade Plan Zone J Service Level El. 290-294
M-K-13	Sub-Grade Plan Zone K Service Level El. 290-294
M-J-16	Sub-Grade Plan Zone J North Projection El. 267-284
M-J-17	Sub-Grade Zone J North Projection Sections and Details
M-K-18	Sub-Grade Plan Zone K South Projection El. 242-270
M-K-19	Sub-Grade Plan Zone K South Projection El. 284,294,305.5
M-K-20	Sub-Grade Zone K South Projection Sections & Details
M-JK-21	Sub-Grade Zone J & K Sections & Details
M-J-22	Sub-Grade Zone J Sections and Details
M-K-24	Sub-Grade Zone K Service Level El. 294' M.E.R. Plans & Details
M-K-25	Sub-Grade Zone K Sections and Details
M-JK-26	Sub-Grade Zone J & K Sections and Details
M-JK-27	Utility ack plan Elev. 290-294
M-JK-28	Utility Rack Sections and Details
M-J-29	Sub-Grade Plan Zone J Sub-Level 3 El. 264 PATH Mezzanine
M-J-30	Sub-Grade Zone J PATH Mezzanine Sections & Details
M-J-31	Sub-Grade Plan Zone J Sub-Level 5 El. 242 PATH Tracks-North Area
M-JK-32	Sub-Grade Plan Zone J & K Sub-Level 5 El. 242 PATH Tracks-Center Area
M-K-33	Sub-Grade Plan Zone K Sub-Level 5 El. 242 PATH Tracks-South Area
M-JK-34	Sub-Grade Zone J&K PATH Tracks Tracks Sections and Details
M-J-35	Sub-Grade Zone J Sub-Level 5 El. 242 Tower "A" M.E.R.-Plan
M-J-36	Sub-Grade Zone J Tower "A" Elevations & Details

Numbered	Titled
M-JK-37	Sub-Grade Zone J&K Sub-Level 5 El. 242 Steam Meter Room Plans & Details
M-JK-38	Piping Riser Diagrams
M-JK-40	Equipment Schedule No. 1
M-JK-41	Equipment Schedule No. 2
M-JK-42	Motor Control Schedule
M-JK-43	Details Sheet No. 1
M-JK-44	Details Sheet No. 2
MX-1	Outside Utility Connections Steam

HEATING, VENTILATING AND AIR CONDITIONING.

2. A set of Heating, Ventilating and Air Conditioning drawings which bear the general title "The World Trade Center - Tower "A" - Heating, Ventilation and Air Conditioning and are separately numbered, dated and titled as follows:

Drawing Number	Drawing Title	Dated	Revised
M-A-1	Drawing Index, Symbols & Abbreviations	Oct. 16, 1967	Mar. 1, 1968
M-A-2	Sub-Level No. 5 M.E.R. Lower Level Plan	"	"
M-A-3	Sub-Level No. 5 M.E.R. Upper Level Plan	"	"
M-A-4	Sub-Level No. 5 M.E.R. Sections	"	"
M-A-5	Sub-Level No. 5 M.E.R. Sections	"	"
M-A-9	Sub-Level No. 3 Elev. 264 Floor Plan	"	"
M-A-10	Sub-Level No. 2 Elev. 274 Floor Plan	"	"
M-A-11	Sub-Level No. 1 Elev. 284 Floor Plan	"	"
M-A-12	Service Level Elev. 294 Floor Plan	"	May 24, 1968
M-A-13	1st Floor Plan - Concourse Level	"	"
M-A-14	2nd Floor Plan - Plaza Level	"	"
M-A-15	3rd Floor Plan	"	"
M-A-16	4th Floor Plan	"	"
M-A-17	5th Floor Plan	"	"
M-A-18	8th Floor Plan	"	"
M-A-19	7th Floor M.E.R. - Lower Level Plan	"	"
M-A-20	7th Floor M.E.R. - Upper Level Plan	"	"
M-A-21	7th Floor M.E.R. Sections	"	Mar. 1, 1968
M-A-22	7th Floor M.E.R. Sections	"	"
M-A-26	9th - 16th Floor Plan	"	
M-A-27	17th Floor Plan	"	
M-A-28	18th Floor Plan	"	
M-A-29	19th Floor Plan	"	
M-A-30	20th - 23rd Floor Plan	"	Mar. 1, 1968
M-A-31	24th Floor Plan	"	
M-A-32	25th Floor Plan	"	
M-A-33	26th Floor Plan	"	
M-A-34	27th - 30th Floor Plan	"	
M-A-35	31st Floor Plan	"	
M-A-36	32nd Floor Plan	"	
M-A-37	33rd Floor Plan	"	
M-A-38	34th Floor Plan	"	
M-A-39	35th - 39th Floor Plan	"	Mar. 1, 1968
M-A-40	40th Floor Plan	"	"
M-A-41	41st Floor M.E.R. Lower Level Plan	"	"
M-A-42	41st Floor M.E. Upper Level Plan	"	"
M-A-43	41st Floor M.E.R. Sections	"	
M-A-44	41st Floor M.E.R. Sections	"	"
M-A-45	41st Floor M.E.R. Sections	"	"
M-A-48	43rd Floor Plan	"	"
M-A-49	44th Floor Plan	"	"
M-A-50	45th Floor Plan	"	"
M-A-51	46th Floor Plan	"	"
M-A-52	47th Floor Plan	"	"
M-A-53	48th Floor Plan	"	
M-A-54	49th Floor Plan	"	

Drawing Number	Drawing Title	Dated	Revised
M-A-55	50th - 54th Floor Plan	Oct. 16, 1967	Mar. 1, 1968
M-A-56	55th Floor Plan	"	
M-A-57	56th Floor Plan	"	Mar. 1, 1968
M-A-58	57th Floor Plan	"	"
M-A-59	58th Floor Plan	"	
M-A-60	59th Floor Plan	"	Mar. 1, 1968
M-A-61	60th Floor Plan	"	"
M-A-62	61st Floor Plan	"	
M-A-63	62nd Floor Plan	"	Mar. 1, 1968
M-A-64	63rd Floor Plan	"	
M-A-65	64th & 65th Floor Plan	"	
M-A-66	66th Floor Plan	"	
M-A-67	67th Floor Plan	"	Mar. 1, 1968
M-A-68	68th Floor Plan	"	"
M-A-69	69th Floor Plan	"	
M-A-70	70th - 72nd Floor Plan	"	Mar. 1, 1968
M-A-71	73rd Floor Plan	"	
M-A-72	74th Floor Plan	"	Mar. 1, 1968
M-A-73	75th Floor M.E.R. - Lower Level	"	"
M-A-74	75th Floor M.E.R. - Upper Level	"	"
M-A-75	75th Floor M.E.R. Sections	"	
M-A-76	75th Floor M.E.R. Sections	"	Mar. 1, 1968
M-A-77	75th Floor M.E.R. Sections	"	"
M-A-80	77th Floor Plan	"	"
M-A-81	78th Floor Plan	"	"
M-A-82	79th Floor Plan	"	"
M-A-83	80th Floor Plan	"	"
M-A-84	81st Floor Plan	"	"
M-A-85	82nd Floor Plan	"	"
M-A-86	83rd - 86th Floor Plan	"	
M-A-87	87th Floor Plan	"	
M-A-88	88th Floor Plan	"	
M-A-89	89th and 90th Floor Plan	"	Mar. 1, 1968
M-A-90	91st Floor Plan	"	/
M-A-91	92nd Floor Plan	"	Mar. 1, 1968
M-A-92	93rd Floor Plan	"	
M-A-93	94th Floor Plan	"	
M-A-94	95th Floor Plan	"	
M-A-95	96th - 99th Floor Plan	"	Mar. 1, 1968
M-A-96	100th Floor Plan	"	"
M-A-97	101st Floor Plan	"	
M-A-98	102nd Floor Plan	"	Mar. 1, 1968
M-A-99	103rd Floor Plan	"	
M-A-100	104th Floor Plan	"	
M-A-101	105th Floor Plan	"	
M-A-102	106th Floor Plan	"	Mar. 1, 1968
M-A-103	107th Floor Plan	"	"
M-A-104	108th Floor M.E.R. - Lower Level Plan	"	"
M-A-105	108th Floor M.E.R. - Upper Level Plan	"	"
M-A-106	108th Floor M.E.R. - Sections	"	"

Drawing Number	Drawing Title	Dated	Revised
M-A-107	108th Floor M.E.R. - Sections	Oct. 16, 1967	Mar. 1, 1968
M-A-111	110th Floor Plan	"	
M-A-112	Main Lobby - Sections and Details	"	
M-A-113	Main Lobby - Sections and Details	"	
M-A-116	Riser Diagram - Exterior Wall Shafts, Sub-Level No.4 to 7th Floor	"	Mar. 1, 1968
M-A-117	Riser Diagram - Interior Core Shafts, Sub-Level No.4 to 7th Floor	"	May 24, 1968
M-A-118	Riser Diagram - North Core Shafts - 9th to 41st Floors	"	Mar. 1, 1968
M-A-119	Riser Diagram - South Core Shafts - 9th to 41st Floors	"	"
M-A-120	Riser Diagram - Interior Core Shafts - 9th to 41st Floors	"	
M-A-121	Riser Diagram - North Core Shafts - 43rd to 75th Floors	"	Mar. 1, 1968
M-A-122	Riser Diagram - South Core Shafts - 43rd to 75th Floors	"	"
M-A-123	Riser Diagram - Interior Core Shafts - 43rd to 75th Floors	"	
M-A-124	Riser Diagram - North Core Shafts - 77th to 108th Floors	"	Mar. 1, 1968
M-A-125	Riser Diagram - South Core Shafts - 77th to 108th Floors	"	"
M-A-126	Riser Diagram - Interior Core Shafts - 77th to 108th Floors	"	"
M-A-127	Riser Diagram - West Zone Peripheral, Air & Water - 9th to 41st Floors	"	"
M-A-128	Riser Diagram - North Zone Peripheral, Air & Water - 9th to 41st Floors	"	"
M-A-129	Riser Diagram - East Zone Peripheral, Air & Water - 9th to 41st Floors	"	"
M-A-130	Riser Diagram - South Zone Peripheral, Air & Water - 9th to 41st Floors	"	"
M-A-131	Riser Diagram - West Zone Peripheral, Air & Water - 43rd to 75th Floors	"	"
M-A-132	Riser Diagram - North Zone Peripheral, Air & Water - 43rd to 75th Floors	"	"
M-A-133	Riser Diagram - East Zone Peripheral, Air & Water - 43rd to 75th Floors	"	"
M-A-134	Riser Diagram - South Zone Peripheral, Air & Water - 43rd to 75th Floors	"	"
M-A-135	Riser Diagram - West Zone Peripheral, Air & Water - 77th to 108th Floors	"	"
M-A-136	Riser Diagram - North Zone Peripheral, Air & Water - 77th to 108th Floors	"	"
M-A-137	Riser Diagram - East Zone Peripheral, Air & Water - 77th to 108th Floors	"	"
M-A-138	Riser Diagram - South Zone Peripheral, Air & Water - 77th to 108th Floors	"	"
M-A-139	Equipment Schedule Sheet No. 1	"	"

Drawing Number	Drawing Title	Dated	Revised
M-A-140	Equipment Schedule Sheet No. 2	Oct. 16, 1967	Mar. 1, 1968
M-A-141	Equipment Schedule Sheet No. 3	"	
M-A-142	Equipment Schedule Sheet No. 4	"	Mar. 1, 1968
M-A-143	Equipment Schedule Sheet No. 5	"	"
M-A-144	Equipment Schedule Sheet No. 6	"	"
M-A-145	Equipment Schedule Sheet No. 7	"	
M-A-146	Equipment Schedule Sheet No. 8	"	Mar. 1, 1968
M-A-147	Equipment Schedule Sheet No. 9	"	
M-A-148	Equipment Schedule Sheet No. 10	"	Mar. 1, 1968
M-A-149	Equipment Schedule Sheet No. 11	"	"
M-A-150	Motor Control Schedule No. 1 - S 5 Fl. M.E.R.	"	"
M-A-151	Motor Control Schedule No. 2 7th Fl. M.E.R.	"	"
M-A-152	Motor Control Schedule No. 3 41st Fl. M.E.R.	"	"
M-A-153	Motor Control Schedule No. 4 75th Fl. M.E.R.	"	"
M-A-154	Motor Control Schedule No. 5 108th Fl. M.E.R.	"	"
M-A-155	Detail Sheet No. 1	"	"
M-A-156	Detail Sheet No. 2	"	
M-A-157	Detail Sheet No. 3	"	
M-A-158	Detail Sheet No. 4	"	"
	BUILDING STANDARD TENANT AREA DUCTWORK		
M-A-1T	9th to 18th Floor, 26th fl., 43rd fl., 45th to 48th, 77th fl., 79th to 82nd fl.	Jan. 8, 1968	
M-A-2T	19th to 25th Floor	"	
M-A-3T	27th to 34th Floor	"	
M-A-4T	35th to 39th Floor	"	
M-A-5T	40th Floor		
M-A-6T	49th to 56th Floor	"	
M-A-7T	57th to 63rd Floor	"	
M-A-8T	64th to 69th Floor	"	
M-A-9T	70th to 73rd Floor	"	
M-A-10T	74th Floor	"	
M-A-11T	83rd to 88th Floor	"	
M-A-12T	89th to 95th Floor	"	
M-A-13T	96th to 105th Floor	"	
M-A-14T	106th Floor	"	
M-A-15T	Typical Details Tenant Area Ductwork	"	

3. A set of Heating, Ventilating and Air Conditioning drawings which bear the general title "The World Trade Center - Tower "B" - Heating, Ventilation and Air Conditioning" dated March 1, 1968 and are separately numbered and titled as follows:

Drawing Number	Drawing Title	Revised
M-B-1	Drawing Index, Symbols & Abbreviations	
M-B-2	Sub-Level No. 5 M.E.R. Lower Level Plan	
M-B-3	Sub-Level No. 5 M.E.R. Upper Level Plan	
M-B-4	Sub-Level No. 5 M.E.R. Sections	
M-B-5	Sub-Level No. 5 M.E.R. Sections	
M-B-9	Sub-Level No. 3 Elev. 264 Floor Plan	
M-B-10	Sub-Level No. 2 Elev. 274 Floor Plan	
M-B-11	Sub-Level No. 1 Elev. 284 Floor Plan	
M-B-12	Service Level Elev. 294 Floor Plan	May 24, 1968
M-B-13	1st Floor Plan - Concourse Level	"
M-B-14	2nd Floor Plan - Plaza Level	"
M-B-15	3rd Floor Plan	"
M-B-16	4th Floor Plan	"
M-B-17	5th Floor Plan	"
M-B-18	6th Floor Plan	"
M-B-19	7th Floor M.E.R. - Lower Level Plan	"
M-B-20	7th Floor M.E.R. - Upper Level Plan	"
M-B-21	7th Floor M.E.R. Sections	
M-B-22	7th Floor M.E.R. Sections	
M-B-26	9th - 16th Floor Plan	
M-B-27	17th Floor Plan	
M-B-28	18th Floor Plan	
M-B-29	19th Floor Plan	
M-B-30	20th -23rd Floor Plan	
M-B-31	24th Floor Plan	
M-B-32	25th Floor Plan	
M-B-33	26th Floor Plan	
M-B-34	27th - 31st Floor Plan	
M-B-36	32nd Floor Plan	
M-B-37	33rd Floor Plan	
M-B-38	34th Floor Plan	
M-B-39	35th - 39th Floor Plan	
M-B-40	40th Floor Plan	
M-B-41	41st Floor M.E.R. Lower Level Plan	
M-B-42	41st Floor M.E.R. Upper Level Plan	
M-B-43	41st Floor M.E.R. Sections	
M-B-44	41st Floor M.E.R. Sections	
M-B-45	41st Floor M.E.R. Sections	
M-B-48	43rd Floor Plan	
M-B-49	44th Floor Plan	
M-B-50	45th Floor Plan	
M-B-51	46th Floor Plan	
M-B-52	47th Floor Plan	
M-B-53	48th Floor Plan	
M-B-54	49th Floor Plan	

Drawing Number	Drawing Title
M-B-55	50th - 54th Floor Plan
M-B-56	55th Floor Plan
M-B-57	56th Floor Plan
M-B-58	57th Floor Plan
M-B-59	58th Floor Plan
M-B-60	59th Floor Plan
M-B-61	60th Floor Plan
M-B-62	61st Floor Plan
M-B-63	62nd Floor Plan
M-B-64	63rd Floor Plan
M-B-65	64th & 65th Floor Plan
M-B-66	66th Floor Plan
M-B-67	67th Floor Plan
M-B-68	68th Floor Plan
M-B-69	69th Floor Plan
M-B-70	70 - 72nd Floor Plan
M-B-71	73rd Floor Plan
M-B-72	74th Floor Plan
M-B-73	75th Floor M.E.R. -Lower Level
M-B-74	75th Floor M.E.R. -Upper Level
M-B-75	75th Floor M.E.R. Sections
M-B-76	75th Floor M.E.R. Sections
M-B-77	75th Floor M.E.R. Sections
M-B-80	77th Floor Plan
M-B-81	78th Floor Plan
M-B-81	79th Floor Plan
M-B-83	80th Floor Plan
M-B-84	81st Floor Plan
M-B-85	82nd Floor Plan
M-B-86	83rd - 86th Floor Plan
M-B-87	87th Floor Plan
M-B-88	88th Floor Plan
M-B-89	89th and 90th Floor Plan
M-B-90	91st Floor Plan
M-B-91	92nd Floor Plan
M-B-92	93rd Floor Plan
M-B-93	94th Floor Plan
M-B-94	95th Floor Plan
M-B-95	96th -99th Floor Plan
M-B-96	100th Floor Plan
M-B-97	101st Floor Plan
M-B-98	102nd Floor Plan
M-B-99	103rd Floor Plan
M-B-100	104th Floor Plan
M-B-101	105th Floor Plan
M-B-102	106th Floor Plan
M-B-103	107th Floor Plan
M-B-104	108th Floor M.E.R. - Lower Level Plan
M-B-105	108th Floor M.E.R. - Upper Level Plan

Drawing Number	Drawing Title	Revised
M-B-106	108th Floor M.E.R. -Sections	
M-B-107	108th Floor M.E.R. -Sections	
M-B-111	110th Floor Plan	
M-B-112	Main Lobby - Sections and Details	
M-B-113	Main Lobby - Sections and Details	
M-B-116	Riser Diagram - Exterior Wall Shafts, Sub-Level No. 4 to 7th Floor	
M-B-117	Riser Diagram - Interior Core Shafts, Sub-Level No. 4 to 7th Floor	May 24, 1968
M-B-118	Riser Diagram - North Core Shafts - 9th to 41st Floors	
M-B-119	Riser Diagram - South Core Shafts - 9th to 41st Floors	
M-B-120	Riser Diagram - Interior Core Shafts - 9th to 41st Floors	
M-B-121	Riser Diagram - North Core Shafts - 43rd to 75th Floors	
M-B-122	Riser Diagram - South Core Shafts - 43rd to 75th Floors	
M-B-123	Riser Diagram - Interior Core Shafts - 43rd to 75th Floors	
M-B-124	Riser Diagram - North Core Shafts - 77th to 108th Floors	
M-B-125	Riser Diagram - South Core Shafts - 77th to 108th Floors	
M-B-126	Riser Diagram - Interior Core Shafts - 77th to 108th Floors	
M-B-127	Riser Diagram - West Zone Peripheral, Air & Water - 9th to 41st Floors	
M-B-128	Riser Diagram - North Zone Peripheral, Air & Water - 9th to 41st Floors	
M-B-129	Riser Diagram - East Zone Peripheral, Air & Water - 9th to 41st Floors	
M-B-130	Riser Diagram - South Zone Peripheral, Air & Water - 9th to 41st Floors	
M-B-131	Riser Diagram - West Zone Peripheral, Air & Water - 43rd to 75th Floors	
M-B-132	Riser Diagram - North Zone Peripheral, Air & Water - 43rd to 75th Floors	
M-B-133	Riser Diagram - East Zone Peripheral, Air & Water - 43rd to 75th Floors	
M-B-134	Riser Diagram - South Zone Peripheral, Air & Water - 43rd to 75th Floors	
M-B-135	Riser Diagram - West Zone Peripheral, Air & Water - 77th to 108th Floors	
M-B-136	Riser Diagram - North Zone Peripheral, Air & Water - 77th to 108th Floors	
M-B-137	Riser Diagram - East Zone Peripheral, Air & Water - 77th to 108th Floors	
M-B-138	Riser Diagram - South Zone Peripheral, Air & Water - 77th to 108th Floors	
M-B-139	Equipment Schedule Sheet No. 1	

Drawing Number	Drawing Title
M-B-140	Equipment Schedule Sheet No. 2
M-B-141	Equipment Schedule Sheet No. 3
M-B-142	Equipment Schedule Sheet No. 4
M-B-143	Equipment Schedule Sheet No. 5
M-B-144	Equipment Schedule Sheet No. 6
M-B-145	Equipment Schedule Sheet No. 7
M-B-146	Equipment Schedule Sheet No. 8
M-B-147	Equipment Schedule Sheet No. 9
M-B-148	Equipment Schedule Sheet No. 10
M-B-149	Equipment Schedule Sheet No. 11
M-B-150	Motor Control Schedule No. 1 - S 5 Fl. M.E.R.
M-B-151	Motor Control Schedule No. 2 7th Fl. M.E.R.
M-B-152	Motor Control Schedule No. 2 41st Fl. M.E.R.
M-B-153	Motor Control Schedule No. 4 75th Fl. M.E.R.
M-B-154	Motor Control Schedule No. 5 108th Fl. M.E.R.
M-B-155	Detail Sheet No. 1
M-B-156	Detail Sheet No. 2
M-B-157	Detail Sheet No. 3
M-B-158	Detail Sheet No. 4

G. ELECTRICAL

1. A set of Electrical drawings which bear the general title "The World Trade Center - The Port of New York Authority - Sub-Grade and PATH Terminal - Electrical", and are dated 3/18/68 and separately numbered as follows:

Numbered	Titled	Area Assignment
E-J-K-P-1	Symbol list and drawing index	Sub-Grade and PATH
E-J-2	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 242	Sub-Grade Only
E-K-3	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 242	Sub-Grade Only
E-J-4	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 253	Sub-Grade Only
E-K-5	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 253	Sub-Grade Only
E-J-6	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 264	Sub-Grade Only
E-K-7	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 264	Sub-Grade Only
E-J-8	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 274	Sub-Grade Only
E-K-9	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 274	Sub-Grade Only
E-J-10	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 279-284	Sub-Grade Only
E-K-11	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 279-284	Sub-Grade Only
E-J-12	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 290-294	Sub-Grade Only
E-K-13	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 290-294	Sub-Grade Only
E-J-14	Lighting and Power - Sub-Grade Plan - Zone "J" Elev. 310	Sub-Grade Only
E-K-15	Lighting and Power - Sub-Grade Plan - Zone "K" Elev. 310	Sub-Grade Only

Number	Title	Area Assignment
E-K-16	Lighting and Power - Liberty Street Ramp (Ramp "H")	Sub-Grade Only
E-J-K-17	Lighting and Power - Ramps "A", "B" "C", "D", "E", "F" & "G"	Sub-Grade Only
E-J-K-18	Light and Power Riser Diagram	Sub-Grade Only
E-J-K-19	Emergency Stair and Exit Light Riser Diagram	Sub-Grade Only
E-J-K-20	Panelboard and Transfer Switch Schedules Elevations and Remote Control Diagram	Sub-Grade Only
E-J-K-P-21	Distribution and Panelboard Schedules and Miscellaneous Details	Sub-Grade and PATH
E-J-K-22	Miscallaneous Sections & Details	Sub-Grade Only
E-J-K-23	Miscallaneous Details	Sub-Grade Only
E-J-K-24	Miscellaneous Riser Diagrams	Sub-Grade Only
E-J-25	Outside Utility Connections - Electrical	Sub-Grade Only
E-P-26	Lighting, Power and Miscellaneous Systems - Track Level North - Elev. 250	PATH Only
E-P-27	Lighting, Power and Miscellaneous Systems - Track Level Center - Elev. 250	PATH Only
E-P-28	Lighting, Power and Miscellaneous Systems Track Level South - Elev. 250	PATH Only
E-P-29	Lighting, Power and Miscellaneous Systems - Underpass Plan - Elev. 264-310	PATH Only
E-P-30	Power and Miscellaneous Systems - Mezzanine Plan - Elev. 264	PATH Only
E-P-31	Lighting and Public Address System - Mezzanine Plan - Elev. 264	PATH Only
E-P-32	Lighting, Power and Miscellaneous Systems - Concourse Plan - Elev. 310	PATH Only
E-P-33	Sub-Station, Switchboard Schedule, One line diagram and details	PATH Only
E-P-34	Light and Power Riser Diagram	PATH Only
E-P-35	Lighting and Receptacle Panel Schedules	PATH Only
E-P-36	Miscellaneous System Riser Diagrams	PATH Only
E-P-37	Public Address system and Spray - Mist Extinguishing system riser diagram	PATH Only
E-P-38	Miscellaneous Sections and details	PATH Only
E-J-K-P-39	Grounding System Diagram and Details	Sub-Grade and PATH

ELECTRICAL

2. A set of Electrical drawings which bear the general title "The World Trade Center - The Port of New York Authority - Tower A", are dated 10/16/67 and are separately numbered and titled as follows:

Drawing Number	Drawing Title	Revised
E-A- 1	Drawing Index & Symbol List	
E-A- 2	Lighting and Power-Sub-Level No. 5 - Elev. 242 MER	
E-A- 3	Lighting and Power-Sub-Level No. 4 - Elev. 253 MER	
E-A- 4	Lighting and Power-Sub-Level No. 3 - Elev. 264	
E-A- 5	Lighting and Power-Sub-Level No. 2 - Elev. 274	
E-A- 6	Lighting and Power-Sub-Level No. 1 - Elev. 284	
E-A- 7	Lighting and Power - Service Level - Elev. 294	
E-A- 8	Lighting and Power - 1st Floor - Concourse	4/18/68
E-A- 9	Lighting and Power - 2nd Floor - Plaza	4/18/68
E-A-10	Lighting and Power - 3rd-5th Floors	4/18/68
E-A-11	Lighting and Power - 6th Floor	4/18/68
E-A-12	Lighting and Power - 7th Floor MER	4/18/68
E-A-13	Lighting and Power - 8th Floor MER	
E-A-16	Lighting and Power - 9th Floor - 16th Floors	3/1/68
E-A-17	Lighting and Power - 17th and 18th Floors	3/1/68

Drawing Number	Drawing Title	Revised
E-A-18	Lighting and Power - 19th - 24th Floors	3/1/68
E-A-19	Lighting and Power - 25th and 26th Floors	3/1/68
E-A-20	Lighting and Power - 27th - 32nd Floors	3/1/68
E-A-21	Lighting and Power - 33rd and 34th Floors	3/1/68
E-A-22	Lighting and Power - 35th - 40th Floors	3/1/68
E-A-23	Lighting and Power - 41st Floor MER	3/1/68
E-A-24	Lighting and Power - 42nd Floor MER	3/1/68
E-A-27	Lighting and Power - 43rd Floor	3/1/68
E-A-28	Lighting and Power - 44th Floor - Skylobby	3/1/68
E-A-29	Lighting and Power - 45th Floor	3/1/68
E-A-30	Lighting and Power - 46th Floor	3/1/68
E-A-31	Lighting and Power - 47th Floor	3/1/68
E-A-32	Lighting and Power - 48th Floor	3/1/68
E-A-33	Lighting and Power - 49th Floor	3/1/68
E-A-34	Lighting and Power - 50th - 54th Floors	3/1/68
E-A-35	Lighting and Power - 55th and 56th Floors	3/1/68
E-A-36	Lighting and Power - 57th and 59th, 60th and 61st Floors	3/1/68
E-A-37	Lighting and Power - 59th Floors	3/1/68
E-A-38	Lighting and Power - 62nd and 63rd Floors	3/1/68
E-A-39	Lighting and Power - 64th - 66th Floors	3/1/68
E-A-40	Lighting and Power - 67th Floor	3/1/68
E-A-41	Lighting and Power - 68th and 69th Floors	3/1/68
E-A-42	Lighting and Power - 70th - 73rd Floors	3/1/68
E-A-43	Lighting and Power - 74th Floor	3/1/68
E-A-44	Lighting and Power - 75th Floor MER	3/1/68
E-A-45	Lighting and Power - 76th Floor MER	3/1/68
E-A-48	Lighting and Power - 77th Floor	3/1/68

Drawing Number	Drawing Title	Revised
E-A-49	Lighting and Power - 78th Floor - Skylobby	3/1/68
E-A-50	Lighting and Power - 79th Floor	"
E-A-51	Lighting and Power - 80th Floor	"
E-A-52	Lighting and Power - 81st Floor	"
E-A-53	Lighting and Power - 82nd Floor	"
E-A-54	Lighting and Power - 83rd Floor	"
E-A-55	Lighting and Power - 84th - 86th Floors	"
E-A-56	Lighting and Power - 87th and 88th Floors	"
E-A-57	Lighting and Power - 89th - 93rd Floors	"
E-A-58	Lighting and Power - 94th and 95th Floors	"
E-A-59	Lighting and Power - 96th - 100th Floors	"
E-A-60	Lighting and Power - 101st and 102nd Floors	"
E-A-61	Lighting and Power - 103rd Floor	"
E-A-62	Lighting and Power - 104th Floor	"
E-A-63	Lighting and Power - 105th and 106th Floors	"
E-A-64	Lighting and Power - 107th Floor - Restaurant	"
E-A-65	Lighting and Power - 108th Floor MER	"
E-A-66	Lighting and Power - 109th Floor MER	"
E-A-67	Lighting and Power - 110th Floor	"
E-A-68	Roof and Bulkhead Plan	---
E-A-72	Sub-Station SS-PA-Service Level	3/1/68
E-A-73	Sub-Station SS-7N-7th Floor North	"
E-A-74	Sub-Station SS-7S-7th Floor South	"
E-A-75	Sub-Station SS-41N-41st Floor North	"
E-A-76	Sub-Station SS-41S-41st Floor South	"
E-A-77	Sub-Station SS-75N-75th Floor North	"
E-A-78	Sub-Station SS-75S-75th Floor South	"
E-A-79	Sub-Station SS-108N-108th Floor North	"

Drawing Number	Drawing Title	Revised
E-A-80	Sub-Station SS-108S-108th Floor South	3/1/68
E-A-83	Electric Closet Plans & Sections - General	3/1/68
E-A-84	Electric Closet Plans & Sections - 43rd to 45th Floors (North)	3/1/68
E-A-85	Electric Closet Plans & Sections-106th to 108th Fls. (South)	3/1/68
E-A-86	Electric Closet Plans - Closet "C"	3/1/68
E-A-89	Light and Power Riser Diag. Sub-Level No.5 -24th Floors	3/1/68
E-A-90	Light and Power Riser Diag. 25th-58th Floors	3/1/68
E-A-91	Light and Power Riser Diag. 59th - 92nd Floors	3/1/68
E-A-92	Light and Power Riser Diag. 93rd - 110th Floors	3/1/68
E-A-94	Emerg. Ltg. and Recept. Riser Dia.-Sub-Level No. 5-24th Fls.	4/18/68
E-A-95	Emerg. Ltg. and Recept. Riser Dia.-25th-58th Flrs.	3/1/68
E-A-96	Emerg. Ltg. and Recept. Riser Dia.-59th-92nd Floors	3/1/68
E-A-97	Emerg. Ltg. and Recept. Riser Dia.-93rd-110th Floors	3/1/68
E-A-98	Fire Communication Systems Riser Diagrams	3/1/68
E-A-99	Emerg. Power Center & Transfer Switch Schedules & Wiring Diagrams	3/1/68
E-A-100	Elevator Distribution Panel Schedules & Elevations	3/1/68
E-A-104	Motor Control Center Schedules Sub-Level No.5 & 7th Fl.	3/1/68
E-A-105	Motor Control Center Schedules 41st and 75th Floors	3/1/68
E-A-106	Motor Control Center Schedules - 75th and 108th Floors	3/1/68
E-A-107	Motor Fire Standpipe and Smoke Detector System Wiring Diagrams and Schedules	3/1/68
E-A-109	Lighting and Recept. Panel Schedule -9th-24th Floors	3/1/68
E-A-110	Lighting and Recept. Panel Schedule -25th-40th Floors	3/1/68
E-A-111	Lighting and Recept. Panel Schedule -43rd-58th Floors	3/1/68

Drawing Number	Title	Revised
E-A-112	Lighting and Recept. Panel Schedules-59th-74th Floors	12-18-67
E-A-113	Lighting and Recept. Panel Schedules-77th-92nd Floors	12-18-67
E-A-114	Lighting and Recept. Panel Schedules-93rd-107th Floors	12-18-67
E-A-115	Emergency and House Lighting and Receptacle Panel Schedules	4-18-68
E-A-118	Lighting Panel Remote Control System Diagrams	3-1-68
E-A-119	Lighting Protection System Details	12-18-67
E-A-120	Grounding System Details	12-18-67
E-A-121	Floor System Details - Header Ducts & Access Openings	12-18-67
E-A-122	Floor System Details - Header Ducts & Access Openings	12-18-67
E-A-123	Floor System Details - Service Fittings	12-18-67
E-A-124	Alternate #6 Ceiling Wiring System-Perspective View & Assembly Drawing	12-18-67
E-A-125	Alternate #6 Ceiling Wiring System-Wiring Device & Fitting Details	12-18-67
E-A-126	Primary Feeder Splice Details	12-18-67
E-A-127	Pull & Splice Cabinet and Cable Support Details	
E-A-128	Pull & Splice Cabinet & Primary Conduit Riser Elevation	12-18-67
E-A-130	Miscellaneous Details	3-1-68
E-A-131	Panelboard Bus Duct & Outlet Box Support Details for Gypsum Plank Partition	12-18-67
E-A-132	Temporary Paging & Light & Power Riser Dia.-Sub-Level	12-18-67
E-A-133	Temporary Paging & Light & Power Riser Dia.-25th-58th Fl.	12-18-67
E-A-134	Temporary Paging & Light & Power Riser Dia.-59th-92nd Fl.	3-1-68
E-A-135	Temporary Paging & Light & Power Riser Dia.-93rd-110 Fl.	12-18-67
E-X-1	Plan of Horizontal Telephone and Primary Distribution and Temporary Service Distribution Elevation 280-284	3-1-68
E-X-2	Plan of Horizontal Telephone and Primary Distr.	3/1/68
E-X-3	Primary Distribution - Center Plan, Elevations and Schedules	3-1-68
E-X-4	Primary Service and Distribution Sections and Details	3-1-68

Drawing Number	Drawing Title	Revised
E-X-5	Temporary Service Vault and Switchboard Schedules	12-18-67
E-X-6	Plan of Lightning Protection and Grounding System at Elevation 200'-284'	12-18-67
E-X-7	13.8KV Service and Distribution System Riser Diagram	12-18-67
E-X-8	Single Line Diagram-Plaza	12-18-67
E-X-9	Single Line Diagram-Tower "A"	12-18-67
E-X-10	Emergency Single Line Diagram	12-18-67
E-X-11	Detail of Fire Pump Control Station, Transfer Switch Control Panel, and Emergency Control System Riser Diagram	12-18-67

ELECTRICAL

3. A set of electrical drawings which bear the general title "The World Trade Center - Tower "B" are dated 12/18/67, and are separately numbered and titled as follows:

Drawing Number	Drawing Title	Revised
E-B-1	Drawing Index & Symbol List	
E-B-2	Lighting and Power-Sub-Level No. 5 - Elev. 242 MER	
E-B-3	Lighting and Power-Sub-Level No. 4 - Elev. 253 MER	
E-B-4	Lighting and Power-Sub-Level No. 3 - Elev. 264	
E-B-5	Lighting and Power-Sub-Level No. 2 - Elev. 274	
E-B-6	Lighting and Power-Sub-Level No. 1 - Elev. 284	
E-B-7	Lighting and Power -Service Level - Elev. 294	3/1/68
E-B-8	Lighting and Power - 1st Floor - Concourse	4/18/68
E-B-9	Lighting and Power- 2nd Floor - Plaza	4/18/68
E-B-10	Lighting and Power - 3rd - 5th Floors	4/18/68
E-B-11	Lighting and Power - 6th Floor	4/18/68
E-B-12	Lighting and Power - 7th Floor MER	4/18/68
E-B-13	Lighting and Power - 8th Floor MER	
E-B-16	Lighting and Power - 9th - 16 Floors	3/1/68
E-B-17	Lighting andPower - 17th and 18th Floors	3/1/68
E-B-18	Lighting and Power - 19th - 24th Floors	3/1/68
E-B-19	Lighting and Power - 25th and 26th Floors	3/1/68
E-B-20	Lighting and Power - 27th - 32nd Floors	3/1/68
E-B-21	Lighting and Power - 33rd and 34th Floors	3/1/68
E-B-22	Lighting and Power - 35th - 40th Floors	3/1/68
E-B-23	Lighting and Power - 41st Floor MER	3/1/68
E-B-24	Lighting and Power - 42nd Floor MER	3/1/68
E-B-27	Lighting and Power - 43rd Floor	
E-B-28	Lighting and Power - 44th Floor - Skylobby	3/1/68
E-B-29	Lighting and Power - 45th Floor	
E-B-30	Lighting and Power - 46th Floor	3/1/68
E-B-31	Lighting and Power - 47th Floor	3/1/68
E-B-32	Lighting and Power - 48th Floor	3/1/68
E-B-33	Lighting and Power - 49th Floor	3/1/68

Drawing Number	Drawing Title	Revised
E-B- 34	Lighting and Power - 50th - 54th Floors	3/1/68
E-B-35	Lighting and Power - 55th and 56th Floors	3/1/68
E-B-36	Lighting and Power - 57th and 58th, 60th and 61st Floors	3/1/68
E-B-37	Lighting and Power - 59th Floor	3/1/68
E-B-38	Lighting and Power - 62nd and 63rd Floors	3/1/68 3/1/68
E-B-39	Lighting and Power - 64th and 66th Floors	3/1/68
E-B-40	Lighting and Power -67th Floor	3/1/68
E-B-41	Lighting and Power - 68th and 69th Floors	3/1/68
E-B-42	Lighting and Power - 70th - 73rd Floors	3/1/68
E-B-43	Lighting and Power - 74th Floor	
E-B-44	Lighting and Power - 75th Floor MER	3/1/68
E-B-45	Lighting and Power - 76th Floor MER	3/1/68
E-B-48	Lighting and Power - 77th Floor	3/1/68
E-B-49	Lighting and Power - 78th Floor - Skylobby	3/1/68
E-B-50	Lighting and Power - 79th Floor	3/1/68
E-B-51	Lighting and Power - 80th Floor	3/1/68
E-B-52	Lighting and Power - 81st Floor	3/1/68
E-B-53	Lighting and Power - 82nd Floor	3/1/68
E-B-54	Lighting and Power - 83rd Floor	3/1/68
E-B-55	Lighting and Power -84th - 86th Floors	3/1/68
E-B-56	Lighting and Power - 87th and 88th Floors	3/1/68
E-B-57	Lighting and Power - 89th - 93rd Floors	3/1/68
E-B-58	Lighting and Power - 94th and 95th Floors	3/1/68
E-B-59	Lighting and Power - 96th - 100th Floors	3/1/68
E-B-60	Lighting and Power - 101st and 102nd Floors	3/1/68
E-B-61	Lighting and Power - 103rd Floor	3/1/68
E-B-62	Lighting and Power - 104th Floor	3/1/68
E-B-63	Lighting and Power - 105th and 106th Floors	3/1/68
E-B-64	Lighting and Power - 107th Floor	3/1/68
E-B-65	Lighting and Power - 108th Floor MER	3/1/68

Drawing Number	Drawing Title	Revised
E-B-66	Lighting and Power - 109th Floor MER	3/1/68
E-B-67	Lighting and Power - 110th Floor	3/1/68
E-B-68	Roof and Bulkhead Plan	3/1/68
E-B-72	Sub-Station SS-PB Service Level Elev. 294'-0"	3/1/68
E-B-73	Sub-Station SS-7W - 7th Floor West	3/1/68
E-B-74	Sub-Station SS-7E - 7th Floor East	3/1/68
E-B-75	Sub-Station SS-41W - 41st Floor West	3/1/68
E-B-76	Sub-Station SS-41E - 41st Floor East	3/1/68
E-B-77	Sub-Station SS-75W - 75th Floor West	3/1/68
E-B-78	Sub-Station SS-75E - 75th Floor East	3/1/68
E-B-79	Sub-Station SS-108W - 108th Floor West	3/1/68
E-B-80	Sub-Station 108E - 108th Floor East	3/1/68
E-B-83	Electric Closet Plans & Sections - General	3/1/68
E-B-84	Electric Closet Plans & Sections - 43rd to 45th Floors (North)	
E-B-85	Electric Closet Plans Sections - 106th to 108th Floors (South)	
E-B-86	Electric Closet Plans - Closet "C"	3/1/68
E-B-89	Light and Power Riser Diag - Sub-Level No. 5 - 24th Floor	
E-B-90	Light and Power Riser Diag - 25th - 58nd Floors	
E-B-91	Light and Power Riser Diag - 59th - 92nd Floors	
E-B-92	Light and Power Riser Diag - 93rd - 110th Floors	
E-B-94	Emerg. Ltg. and Recept. Riser Dia. - Sub-Level No. 5 - 24th Fls.	4/18/68
E-B-95	Emerg. Ltg. and Recept Riser Dia.- 25th - 58th Floors	
E-B-96	Emerg. Ltg. and Recept. Riser Dia.- 59th - 92nd Floors	
E-B-97	Emerg. Ltg. and Recept. Riser Dia. - 93rd - 110th Floors	
E-B-98	Fire Communciation Systems Riser Diagrams	
E-B-99	Emerg. Power Center & Transfer Switch Schedules & Wiring Diagrams	3/1/68
E-B-100	Elevator Distribution Panel Schedules & Elevations	

Drawing Number	Drawing Title	Revised
E-B-104	Motor Control Center Scheduled Sub-level No. 5 &7th Fl.	
E-B-105	Motor Control Center Schedules-41st and 75th floors	
E-B-106	Motor Control Center Schedules-75th and 108th Floors	
E-B-107	Motor, Fire Standpipe & Smoke Detection System, Wiring Diagrams & Schedules	
E-B-109	Lighting and Recept. Panel Schedules-9th-24th Floors	
E-B-110	Lighting and Recept. Panel Schedules-25th-40th Floors	
E-B-111	Lighting and Recept. Panel Schedules-43rd to 58th Floors	
E-B-112	Lighting and Recept. Panel Schedules-59th-74th Floors	
E-B-113	Lighting and Recept. Panel Schedules-77th-92nd Floors	
E-B-114	Lighting and Recept. Panel Schedules-93rd-107th Floors	
E-B-115	Emergency and House Lighting and Receptacle Panel Schedules	4/18/68
E-B-118	Lighting Panel Remote Control System Diagrams	3/1/68
E-B-119	Lighting Protection System Details	
E-B-120	Grounding System Details	
E-B-121	Floor System Details-Header Ducts & Access Openings	
E-B-122	Floor System Details-Header Ducts & Access Openings	
E-B-123	Floor System Details-Service Fittings	
E-B-124	Alternate #6 Ceiling Wiring System-Perspective View and Assembly Drawing	
E-B-125	Alternate #6 Ceiling Wiring System-Wiring Device and Fiting Details	
E-B-126	Primary Feeder Splice Details	
E-B-127	Pull & Splice Cabinet and Cable Support Details	
E-B-128	Pull & Splice Cabinet and Primary Conduit Riser Elevation	
E-B-130	Miscellaneous Details	3/1/68
E-B-131	Panel Board Bus Duct and Outlet Box Support Details for Gypsum Plank Partition	
E-B-132	Temporary Paging and Light & Power Riser Dia.-Sub-Level No. 5-24th Fls.	

Drawing Number	Drawing Title	Revised
E-B-133	Temporary Paging and Light & Power Riser Dia. - 25th - 58th Fls.	
E-B-134	Temporary Paging and Light & Power Riser Dia. - 59th - 92nd Fls.	3/1/68
E-B-135	Temporary Paging and Light & Power Riser Dia. - 93rd - 110th Fls.	

H. SPRINKLER

A set of sprinkler drawings which bear the general title "The World Trade Center - Below-Grade Sprinklers" and are separately numbered, dated and entitled as follows:

Numbered	Titled	Dated	Revised
SP-J-1	Sub-Grade Plan - Zone H - Sub-Level #5 - Elevation 242'	3-12-68	
SP-K-2	Sub-Grade Plan - Zone K - Sub-Level #5 - Elevation 242'	"	
SP-H-3	Sub-Grade Plan - Zone J - Sub-Level #4 - Elevation 253'	"	
SP-K-4	Sub-Grade Plan - Zone K - Sub-Level #4 - Elevation 253'	"	
SP-J-5	Sub-Grade Plan - Zone J - Sub-Level #3 - Elevation 264'	"	
SP-J-6	Sub-Level #3 - Floor Plan - Elevation 264' - Tower "A"	"	
SP-K-7	Sub-Grade Plan - Zone K - Sub-Level #3 - Elevation 264'	"	
SP-K-8	Sub-Level #3 - Floor Plan - Elevation 264' - Tower "B"	"	
SP-J-9	Sub-Grade Plan - Zone J - Sub-Level #2 - Elevation 274'	"	
SP-J-10	Sub-Level #2 - Floor Plan - Elevation 274' - Tower "A"	"	
SP-K-11	Sub-Grade Plan - Zone K - Sub-Level #2 - Elevation 274'	"	
SP-K-12	Sub-Level #2 - Floor Plan - Elevation 274' - Tower "B"	"	
SP-J-13	Sub-Grade Plan - Zone J - Sub-Level #1 - Elevation 279' - 284'	"	
SP-J-14	Sub-Level #1 - Floor Plan - Elevation 284' - Tower "A"	"	
SP-K-15	Sub-Grade Plan - Zone K - Sub-Level #1 - Elevations 279'-3" and 284'	"	

SP-K-16	Sub-Level #1 - Floor Plan - Elevation 284' - Tower "B"	3/12/68
SP-J-17	Sub-Grade Plan - Zone J - Sub-Level - Elevation 290' - 294'	"
SP-J-18	Service Level Floor Plan - Elevation 294' - Tower "A"	"
SP-K-19	Sub-Grade Plan - Zone K - Service Level - Elevation 294'	"
SP-K-20	Service Level Floor Plan - Elevation 294' - Tower "B"	"
SP-X-23	Detail Sheet #1	"
SP-X-24	Detail Sheet #2	"
SP-X-25	Detail Sheet #3	"

The foregoing documents were not prepared for the purpose of providing information for bidders upon the present Contract, but they were prepared for other purposes and they do not form a part of this Contract. The Authority makes no representation or guaranty as to, and shall not be responsible for, their accuracy, completeness of pertinence, and, in addition, shall not be responsible for the conclusions to be drawn therefrom. They are made available to the bidders merely for the purpose of providing them with such information as is in the possession of the Authority, whether or not such information may be accurate, complete or pertinent or of any value to the bidders.

PROPOSALS

To The Port of New York Authority:

In the case of each Alternate, upon which the undersigned has inserted prices therefor in the FORM OF CONTRACT CLAUSE HEREOF ENTITLED "GENERAL AGREEMENTS."

THE undersigned(*)

Mario & DiBono Plastering Co. Inc.
370 Northern Blvd., Great Neck, N.Y.
a corporation organized under the Laws of New York State

hereby offers at the prices inserted for each of said Alternates to perform all the obligations and to assume all of the duties and liabilities of the Contractor provided for in the attached Form of Contract.

The foregoing offer shall be a separate and distinct offer (Proposal) on each Alternate on which the undersigned has inserted prices therefor.

To induce the acceptance of this Proposal(s), the undersigned hereby makes each and every representation and warranty made by the Contractor in said Form of Contract. Moreover, as a condition to receipt and consideration by the Authority of the Proposal(s), whether or not it is accepted, the undersigned agrees that all information of any nature whatsoever, regardless of the form of the communication, received from the undersigned (including its officers, agents or employees) by the Authority, its Commissioners, officers, agents, employees, contractors or consultants, and not withstanding any statement therein to the contrary, has not been given in confidence and may be used or disclosed by or on behalf of the Authority without liability of any kind except as may arise under letters patent of the undersigned, if any.

The attached Information for Bidders, all papers required by it and submitted in connection herewith at any time, said Form of Contract, and all papers made part thereof by its terms are made part of this Proposal(s).

The undersigned hereby designates the following as his office (**):

(*) Insert bidder's name. If a corporation, give the state of incorporation, using the phrase, "a corporation organized under the laws of ." If a partnership, give full names of partners, using also the phrase, "co-partners doing business under the firm name of ." If an individual using a trade name, give individual name, using also the phrase, "an individual doing business under the trade name of ."

(**) Insert office address.

CAUTION: Sign in both places on next page.

The telephone number of the undersigned is 516 466-0100

Dated, March 21 19 69

(Name of corporation or partnership or signature of individual) → Mario & DiBono Plastering Co. Inc.

(Signature of corporate officer, partner or agent of individual) → By (*) Louis Di Bono

(Acknowledgment of signature to be taken on proper form on following page)

NOTICE TO BIDDERS:

Unless the following assurance of irrevocability is also signed, the above Proposal is not responsive to the Authority's invitation to bid.

The foregoing offer(s) shall be irrevocable for 180 days after the date on which The Port of New York Authority opens this Proposal.

(Signature of agent, partner or corporate officer signing above) → Louis DiBono

CERTIFICATE OF AUTHORITY, IF BIDDER IS A CORPORATION

I, the undersigned, as Secretary of the corporation submitting the foregoing Proposal, hereby certify that under and pursuant to the by-laws and resolutions of said corporation, each officer who has signed said Proposal on behalf of the corporation, including the foregoing assurance of irrevocability, is fully and completely authorized so to do.

(Corporate Seal)

Louis DiBono

(*) If Proposal is signed by an officer or agent, give title and address.

ACKNOWLEDGMENT OF BIDDER,
IF A CORPORATION

State of.....N.Y.....)
) SS.:
County of.....N.Y.....)

On this.....21.....day of..March.....,19n9 , before me personally came and appeared....., to me known, who, being by me duly sworn, did depose and say that he resides at .....1 Remwick Ave., Huntington, L.I., N.Y....., that he is the .....President.....of Mario & DiBono Plastering Co., Inc. the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that one of the seals affixed to said instrument is such seal; that it was so affixed by order of the directors of said corporation; and that he signed his name thereto by like order.

(Seal) Rita M. Cangro .....Louis DiBono.....

ACKNOWLEDGMENT OF BIDDER,
IF A PARTNERSHIP

State of.....)
) SS.:
County of.....)

On this.....day of....., 196 , before me personally came and appeared....., to me known and known to me to be one of the members of the firm of..... ....., described in and who executed the foregoing instrument and he acknowledged to me that he executed the same as and for the act and deed of said firm.

(Seal) .....

ACKNOWLEDGMENT OF BIDDER,
IF AN INDIVIDUAL

State of.....)
) SS.:
County of.....)

On this.....day of....., 196 , before me personally came and appeared..... to me known and known to me to be the person described in and who executed the foregoing instrument and he acknowledged to me that he executed the same.

(Seal) .....

STATEMENT ACCOMPANYING PROPOSAL

Names and Residences of Officers, If Bidder is a Corporation

Name	Title	Residence (*)
Louis DiBono	President and Treasurer	1 Remwick Ave. Huntington, L.I., N.Y.
Joseph DiBono	Vice President and Secretary	43-14 Francis Lewis Blvd. Bayside, Queens, New York

Names and Residences of Partners, If Bidder is a Partnership

Name	General Or Limited Partner	Residence (*)

Bidder's Residence, if an Individual (*)

If Bidder is a Corporation, Annex Copy of Certificate of Incorporation Certified by Corporate Secretary.

(*) Give Street and Number of Residence. Do not give business address.

ACKNOWLEDGMENT OF PRINCIPAL, IF A CORPORATION

State of.....)
) SS.:
County of.....)

On this.....day of.....196 , before me personally came and appeared....., to me known, who being by me duly sworn, did depose and say that he resides at..... that he is the..... of..... the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that one of the seals affixed to said instrument is such seal; that it was so affixed by order of the directors of said corporation; and that he signed his name thereto by like order.

(Seal) .....

ACKNOWLEDGMENT OF PRINCIPAL, IF A PARTNERSHIP

State of.....)
) SS.:
County of.....)

On this.....day of....., 196 , before me personally came and appeared....., to me known, and known to me to be one of the members of the firm of..... ....., described in and who executed the foregoing instrument and he acknowledged to me that he executed the same as and for the act and deed of said firm.

(Seal) .....

ACKNOWLEDGMENT OF PRINCIPAL, IF AN INDIVIDUAL

State of.....)
) SS.:
County of.....)

On this.....day of....., 196 , before me personally came and appeared....., to me known and known to me to be the person described in and who executed the foregoing instrument and he acknowledged to me that he executed the same.

(Seal) .....

AFFIX ACKNOWLEDGMENT AND JUSTIFICATION OF SURETY

FORM OF CONTRACT

CHAPTER I

GENERAL PROVISIONS

1. DEFINITIONS.

To avoid undue repetition, the following terms whenever they occur in this Form of Contract or any of the other papers forming a part of the Contract shall be construed as follows:

"Contract" shall mean, in addition to this Form of Contract, the Information for Bidders, the Proposal, the Authority's acceptance, the Specifications and the Contract Drawings (including written addenda issued over the name of the Director of the World Trade Center of the World Trade Department of the Authority), all of which are made part hereof as though herein set forth in full. The Contract as so defined shall constitute the complete and exclusive statement of the terms of the agreement between the parties and the Contract may not be explained or supplemented by course of dealing, usage of trade or course of performance.

The term "days" or "calendar days" in reference to a period of time shall mean consecutive calendar days, Saturdays, Sundays and holidays included.

The term "construction site" or words of similar import shall mean the area bounded on the west by the U.S. Pierhead Line (for the easterly shore of the North River), on the north by the north street line of Vesey Street (including extension of such line westerly to said pierhead line), on the east by the east street line of Church Street and on the south by the south street line of Liberty Street (including extension of such line westerly to said pierhead line), in the City of New York, and the vicinity of such area.

"Sale" and words of similar import shall mean the furnishing (including delivery and unloading at the construction site) of all permanent Materials (hereinafter referred to as "Materials") which are necessary or proper for or incidental to the furnishing described in the "Agreement of Sale" in the clause hereof entitled "General Agreements."

"Work" and words of similar import shall mean all structures, equipment, plant, labor, materials (other than Materials sold to the Authority under this Contract) and other facilities and all other things which are necessary or proper for or incidental to the installation described in the "Agreement to Perform Work" in the clause hereof entitled "General Agreements."

"Equipment" and "plant" shall include construction equipment and plant rented as agent for the Authority.

"Performance of the Contract" or "arising out of or in connection with the Contract" and words of similar import shall mean the performance of the Sale or the Work or arising out of or in connection with the Sale of the Work.

"Sale Price" shall mean the lump sum Sale Price quoted in Part A of the clause hereof entitled "General Agreements."

"Work Price" shall mean the lump sum Work Price quoted in Part B of the clause hereof entitled "General Agreements."

"PATH" shall mean the Port Authority Trans Hudson Corporation.

All the rights, protections and immunities provided for herein with respect to the Authority, its Commissioners, officers, agents or employees shall be construed also for the direct benefit of and insure to PATH, its Directors, officers, agents and employees as if in each instance where such provision is made, PATH, its Directors, officers, agents or employees were also mentioned. No specific references to PATH, its Directors, officers, agents or employees shall limit or impair in any manner the immediately preceding sentence.

"Tower A" shall mean the North Tower and "Tower B" shall mean the South Tower.

/

"Materials required by the Contract Drawings and Specifications in their present form" or "Work required by the Contract Drawings and Specifications in their present form" or words of similar import shall include all Materials or Work required by the Specifications in their present form (whether or not shown upon the Contract Drawings), all Materials or Work shown upon the Contract Drawings in their present form (whether or not mentioned in the Specifications) and all Materials or Work involved in or incidental to the accomplishment of the results intended by the Specifications and Contract Drawings in their present form (whether or not mentioned therein or shown thereon).

"Extra Materials" or "Extra Work" shall mean Materials or Work required by the Director, or within the scope of the authority vested in him and referred to elsewhere herein ordered by the Engineer personally, which are in addition to those Materials or that Work required by the Contract Drawings and Specifications in their present form.

"Contract Drawings" shall mean the Contract Drawings designated in the clause of the Specifications entitled "Contract Drawings", and except as used in the phrase "Contract Drawings in their present form", shall include any future alterations to and revisions of said drawings.

"Director" shall mean the Director of the World Trade Department of the Authority for the time being, or his successor in duties for the purpose of this Contract, acting personally or through his authorized representative for the purpose of this Contract.

"Engineer" shall mean the Chief of Planning and Construction of the World Trade Center of the World Trade Department of the Authority for the time being, or his successor in duties for the purpose of this Contract, acting personally or through his authorized representative for the purpose of this Contract, who is at present the Construction Manager of the World Trade Center, except that the Construction Manager is not authorized to extend the time for completion of any part of the Sale or Work.

No persons other than those specifically identified above shall be deemed a representative of the Director or of the Engineer except to the extent specifically authorized in an express written notice to the Contractor signed by the Director or the Engineer, as the case may be. Further, no person shall be deemed a successor in duties of either the Director or the Engineer unless the Contractor is so notified in a writing signed by the Executive Director or Deputy Executive Director of the Authority.

"Inspector" shall mean any representative of the Engineer designated by him as Inspector and acting within the scope of the particular authority vested in him.

"General Contractor" shall mean Tishman Realty and Construction Co., Inc.

Wherever reference is made in the Specifications to the words "shown and noted on the Contract Drawings" such reference shall mean "shown or noted on the Contract Drawings."

The term "permanent construction" shall include all construction, installation, structures, equipment and materials to be constructed, installed or left by the Contractor at or about the construction site (or elsewhere in the possession of the Authority) after the completion of the Contract (whether or not they are yet delivered or installed), even though they are subsequently to be removed by others. The terms "permanent installation", "permanent structure", "permanent materials", and words of similar import shall have the same meaning as the term "permanent construction."

"Materialman" shall mean anyone who furnishes materials, plant or equipment to the Contractor or any subcontractor in the performance of the Contract.

"Subcontractor" shall mean anyone who performs Work (other than or in addition to the furnishing of materials, plant or equipment) at or about the construction site, directly or indirectly for or in behalf of the Contractor (and whether or not in privity of contract with the Contractor), but shall not include any person who furnishes merely his own personal labor or his own personal services.

"Materialman" or "subcontractor", however, shall exclude the Contractor or any subsidiary or parent of the Contractor or any person, firm or corporation which has a substantial interest in the Contractor or in which the Contractor has a substantial interest; provided, however, that for the purpose of the clause hereof entitled "Assignments and Subcontracts" the exclusion in this paragraph shall not apply to anyone but the Contractor himself.

"Workingman" or "workman" shall mean any employee of the Contractor or of a subcontractor who performs personal labor or personal services at the construction site.

"Notice" shall mean a written notice.

Whenever they refer to the Sale or Work or its performance, "directed", "required", "permitted", "ordered", "designated", "prescribed" and words of similar import shall mean directed, required, permitted, ordered, designated or prescribed by the Engineer; and "approved", "acceptable", "satisfactory" and words of similar import shall mean approved by or acceptable or satisfactory to the Engineer; and "necessary", "reasonable", "proper", "correct" and words of similar import shall mean necessary, reasonable, proper or correct in the judgment of the Engineer.

Whenever "including", "such as" or words of similar import are used, the specific things thereafter enumerated shall not limit the generality of the things preceding such words.

Whenever reference is made to the date of opening of Proposals or receipt of bids or Proposals, such reference shall be deemed to mean the date of receipt by the Authority of the Contractor's Proposal(s) in the form bound herewith.

GENERAL AGREEMENTS

A. Agreement of Sale (Furnishing Materials)

The Contractor agrees to sell and the Authority agrees to purchase the permanent materials necessary or proper for or incidental to the installation of spray on fireproofing occurring throughout North and South Towers of the World Trade Center at the construction site.

Notwithstanding loss of or damage to Materials delivered by the Contractor to the construction site occurring subsequent to such delivery, the Authority shall remain liable to the Contractor for the price of such Materials delivered in satisfactory condition, subject, however, to the Contractor's obligations under this Contract including his obligations under the clause of the Form of Contract entitled "Risks of Materials and Work Assumed by the Contractor."

For the furnishing of said Materials (including performance of all the Contractor's duties and obligations relating to the said Sale under this Contract), the Authority agrees to pay to the Contractor and the Contractor agrees to accept from the Authority, as full consideration, the following compensation, and such compensation only, subject only to the express provisions of this Contract specifically setting forth actual, defined additions to or deductions from such compensation:

The lump sum SALE PRICE of EIGHT HUNDRED THOUSAND DOLLARS and

(Price for furnishing materials) NO Cent's ($800,000.00) (SEE NOTES 1 AND 2)

B. Agreement to Perform Work (Installation)

The Contractor agrees to install the spray on fireproofing occurring throughout North and South Towers of the World Trade Center at the construction site. Except for the Materials included in the above Agreement of Sale and the use of construction equipment not owned by the Contractor or subcontractors, but rented from others as provided in subclause C below, the Contractor agrees to furnish all structures, equipment, plant, labor, materials, and other facilities and to do all other things necessary or proper for or incidental to the foregoing Work. The Materials included in the above Agreement of Sale and the use of said rented construction equipment shall be furnished by the Authority to the Contractor for use in the performance of said Work, provided that the Contractor performs all obligations relating to said Agency imposed upon it by this Contract.

For the performance of said Work (including the performance of all the Contractor's duties and obligations relating to said Work under this Contract), the Authority agrees to pay to the Contractor and the Contractor agrees to accept from the Authority, as full consideration, the following compensation, and such compensation only, subject only to the express provisions of this Contract specifically setting forth actual, defined additions to or deductions from compensation:

The lump sum WORK PRICE of NINE HUNDRED TWENTY-FIVE THOUSAND

(Price for Installation) DOLLARS and NO cents ($925,000.00) (SEE NOTE 2)

Note 1. For tax exemptions, see clause 3 entitled "Exemptions From New York State and New York City Sales Taxes: Purchase of Materials and Rental of Equipment."

Note 2. The SALE PRICE and the WORK PRICE are mutually exclusive, and each will be separately payable in addition to the other.

C. Agency for Rental of Construction Equipment

1. General Provisions

The Contractor further agrees to act as the agent of the Authority, subject to the provisions of this numbered clause relating to such agency, for the rental of all construction equipment necessary or desirable for or incidental to the performance of the Contract (other than construction equipment owned and also used by the Contractor or owned and also used by any subcontractor) and, in the exercise of such agency, to assume all the obligations and duties imposed upon him by this Contract. The Contractor may authorize any subcontractor to act as his subagent for rental of such equipment for use by such subcontractor, subject to all the provisions of this Contract. "Construction equipment" as used in this numbered clause shall include plant.

The Authority will pay the rental charges for said equipment directly to the lessors thereof, but the charges so paid shall be deducted from the compensation payable to the Contractor in connection with the Work; provided, however, that the Authority will pay such charges, and the Contractor is authorized by the Authority to act as such agent, to the extent only that the charges payable for such rental do not exceed the compensation payable to the Contractor in connection with the Work; and provided further that the Contractor performs all the obligations relating to said agency imposed upon him by this Contract.

The Authority will provide the Contractor with a statement to be furnished by him and the subcontractors to such lessors which will identify this Contract as the one under which the Contractor is authorized to rent said equipment and which will identify the site to which delivery must be made. The Contractor shall arrange for delivery of said equipment directly to the construction site. Payment of the rental charges therefor shall be made by the Authority on the basis of invoices made out to the Authority in which is contained the place of delivery and on which the Contractor has certified by endorsement that such construction equipment is being or has been used in the performance of the Contract, said invoices to be submitted through the Contractor to the Authority at the time said equipment is put into use at the construction site. In the event said invoices are not submitted promptly, at the time stated above, but are submitted at a time when, by reason of prior advances and payments to the Contractor or for his account, the amounts still payable to the Contractor in connection with the Work are insufficient to pay said invoices, then the Authority shall not be liable to the lessors for any amounts in excess of said amounts still payable to the Contractor which remain in the possession of the Authority.

Notwithstanding the above agency arrangement, the Authority shall not be liable to lessors of construction equipment for any amounts except rental charges based on time of use of such equipment, and the Contractor's agency is limited accordingly. All obligations incurred by the Contractor or subcontractors for any other expenses, including repairs and damages for breach of the rental agreement, shall be obligations incurred by the Contractor or subcontractors as principal not as agent of the Authority. Moreover, as between the Authority and the Contractor, the Contractor shall be responsible for all amounts due to lessors of construction equipment notwithstanding the above agency arrangement.

The Contractor shall indemnify the Authority against any claim of any kind whatsoever made against the Authority by a lessor of construction equipment and the Contractor assumes the risk of all claims against him by any lessor of construction equipment, including in both cases, claims in connection with a subcontractor.

The agency provided for under this subclause C shall not relieve the Contractor of any of his duties and obligations elsewhere provided for under this Contract.

2. Option Not to Act as Agent

Notwithstanding the provisions of (1) above, the Contractor shall have the right to elect not to act as the agent of the Authority for the rental of any particular item or items of said construction equipment, in which event, with regard to any such rentals by the Contractor as principal and not agent, the provisions of (1) of this subclause C shall be inapplicable as well as those provisions of the clause of the Form of Contract entitled "Exemptions From New York State and New York City Sales Taxes: Purchase of Materials and Rental of Equipment" which relate to rental of construction equipment.

D. Sale and Work

Said Sale and Work shall be performed in strict accordance with the Contract Drawings and Specifications and any future changes therein; and the Contractor further agrees to assume and perform all other duties and obligations imposed upon him by this Contract. Such other duties and obligations, as well as any rights, duties, obligations and liability assumed by or imposed on the Authority, shall be deemed a part of either the Sale or the Work, whichever may be appropriate.

The enumeration in this Form of Contract and in the Specifications of particular things to be furnished or done at the Contractor's expense, or without cost or expense to the Authority, or without additional compensation to the Contractor shall not be deemed to imply that only things of a nature similar to those enumerated shall be so furnished and done, but the Contractor shall furnish all Materials and perform all Work as required, without other compensation than that specifically provided, whatsoever changes may be made in the Contract Drawings and Specifications, whatsoever Materials and Work may be required in addition to that required by the Contract Drawings and Specifications in their present form, and whatsoever obstacles or unforeseen conditions may arise or be encountered.

2 A. ACCESS TO RECORDS.

The Authority shall have access during normal business hours to all records and documents of the Contractor relating to (i) any amounts for which the Contractor has been compensated, or claims he should be compensated, by the Authority by patment determined on any basis other than by payment of a lump sum or unit price amount agreed upon in writing by the Contractor and the Authority and (ii) purchase of Materials for sale to the Authority hereunder. In the case of the records described in (ii), (a) the Contractor shall specify on the record relating to each purchase the name of the manufacturer of the item, and (b) the Contractor may, at his option, delete from such record prior to making it available to the Authority information relating to the price paid for any item. The Contractor shall obtain for the Authority similar access to similar records and documents of subcontractors. Such access shall be given or obtained both before and within a period of one year after Final Payment to the Contractor; provided, however, that if within the aforesaid one year period the Authority under or in connection with this Contract to which any of the aforesaid records and documents of the Contractor or of his subcontractors relate either directly or indirectly, then the period of such right of access shall be extended to the expiration of 6 years from the date of Final Payment with respect to the records and documents involved.

No provision in this Contract giving the Authority a right of access to records and documents is intended to impair or affect any right of access to records and documents which they would have in the absence of such provision.

3. EXEMPTIONS FROM NEW YORK STATE AND NEW YORK CITY SALES TAXES: PURCHASE OF MATERIALS AND RENTAL OF EQUIPMENT

Purchase of Materials by Contractor Directly

The purchase by the Contractor of the Materials sold hereunder will be a purchase for resale and therefore not subject to New York State or New York City sales or compensating use taxes, and the Sale of such Materials by the Contractor to the Authority, which is a governmental agency, will not be subject to such taxes provided that replacement of Materials pursuant to the clause of the Form of Contract entitled "Risks of Materials and Work Assumed by the Contractor" shall not be a purchase for resale and shall be subject to the above taxes.

Purchase of Materials Through Subcontractors

The purchase by subcontractors of Materials to be sold hereunder will also be a purchase for resale to the Contractor (either directly or through other subcontractors) and therefore not subject to New York State or New York City sales or compensating use taxes, provided that the subcontract agreements provide for the resale of such Materials separate and apart from the performance of the Work and that such subcontract agreements are in a form similar to this Contract with respect to the separation of the Sale of Materials from the performance of the Work.

Rental of Construction Equipment

The rental by the Contractor or subcontractor of construction equipment not owned by the Contractor or subcontractors for use in the performance of the Contract will not be subject to New York State or New York City sales or compensating use taxes, provided that:

(1) the Contractor's and any subcontractor's use of construction equipment rented from others, and any agreement for such rental, is based upon the agency arrangement referred to in the clause hereof entitled "General Agreements",

(2) delivery of said equipment is to the construction site,

(3) the Contractor or subcontractor has furnished to the lessor the statement from the Authority identifying this Contract as the one under which the Contractor or subcontractor has been authorized to rent said equipment and identifying the construction site to which delivery must be made,

(4) the invoice for said equipment is made out to the Authority and prescribes the place of delivery,

(5) the amounts payable for rental of said equipment do not exceed the amount of compensation payable in connection with the Work.

Indemnity by Authority

In accordance with the above, the Contractor should not include an amount for such New York State and New York City taxes in his prices.

If (i) any claim is made against the Contractor by the State or City of New York for sales or compensating use taxes on the Sale of the aforementioned Materials or such rental of construction equipment or (ii) any claim is made against the Contractor by a materialman, lessor or a subcontractor on account of a claim against such materialman, lessor or subcontractor by the State or City of New York for sales or compensating use taxes on the Sale of the aforementioned Materials or rental of said equipment, then the Authority will reimburse the Contractor in an amount equal to the amount of such tax required to be paid in accordance with the requirements of law, provided that:

(a) (i) the subcontract agreements in connection with this Contract provide for the resale of such Materials prior to and separate and apart from the incorporation of such Materials into the permanent construction, (ii) such subcontract agreements are in a form similar to this Contract with respect to the separation of the Sale of Materials from the other services to be performed, and (iii) such separation is actually followed in practice, including the separation of payments for materials from the payments for other services; and

(b) the provisos listed as (1) through (5) above are complied with; and

(c) the Contractor, or the Contractor and any such subcontractor, as the case may be, have complied with such rules and regulations as may have been promulgated relating to the claiming of the exemption from such taxes and have filed all the forms and certificates required by the applicable laws, rules and regulations in connection therewith; and

(d) the Authority is afforded the opportunity, before any payment of tax is made, to contest said claim in the manner and to the extent that the Authority may choose and to settle or satisfy said claim, and such attorney as the Authority may designate is authorized to act for the purpose of contesting, settling and satisfying said claim; and

(e) the Contractor and any such materialman, lessor or subcontractor give immediate notice to the Authority of any such claim, cooperate with the Authority and its designated attorney in contesting said claim and furnish promptly to the Authority and said attorney all information and documents necessary or convenient for contesting said claim, said information and documents to be preserved for six years after the date of Final Payment or longer if such a claim is pending or threatened at the end of such six years.

(f) the Contractor has performed all the obligations imposed upon him by subclause C, "Agency for Rental of Construction Equipment" of the clause hereof entitled "General Agreements".

If the Authority elects to contest any such claim, it will bear the expense of such contest.

4. PERFORMANCE AND PAYMENT BOND.

If the Authority shall in its sole discretion so elect at the time of accepting the Contractor's Proposal, the Contractor shall furnish a bond for the faithful performance of all obligations imposed upon him by the Contract and also for the payment of all lawful claims of subcontractors, materialmen and workmen arising out of the performance of the Contract. Such bond shall be in the form bound herewith entitled, "Performance and Payment Bond", shall be in a penal sum equal to the total of Sale Price and the Work Price, and such bond shall be signed by one or more sureties* satisfactory to the Authority. The bond may be executed on a separate copy of such form not physically attached to this Contract booklet. In any case, both the form of bond bound herewith and any unattached executed copy thereof shall form a part of this Form of Contract as though herein set forth in full.

At any time after the opening of Proposals, the Authority may give notice to one or more bidders to advise the Authority as to the names of their proposed sureties. Within forty-eight hours thereafter each bidder so notified shall so advise the Authority. The giving of such notice to a bidder shall not be construed as an acceptance of his Proposal, and omission to give such notice shall not be construed as an election by the Authority not to require a bond.

If the Authority elects to require the Contractor to furnish a bond, he shall deliver such bond to the Authority within seven days, after receipt by him of the acceptance of his Proposal, and the sureties thereon shall be as proposed by him, provided, that if the Authority has theretofore given notice to him that his proposed sureties or any of them are not satisfactory, the bond shall be executed by other sureties satisfactory to the Authority.

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* Sureties must be corporations (commonly known as "surety companies"), authorized to do business as sureties in the States of New York and New Jersey, whose names appear on the current list of the Treasury Department of the United States in effect at the time of submission of the Performance and Payment Bond to the Authority as acceptable as sureties to the Treasury Department. In addition, the aggregate underwriting limitations on any one risk as set forth in the aforementioned list of the Treasury Department of the sureties shall equal or exceed the penal sum of the Performance and Payment Bond.

In the event of a default by the Contractor in his obligation to furnish a satisfactory bond within seven days after he receives an acceptance of his Proposal, such default shall entitle the Authority in its discretion to terminate this Contract at any time within fourteen days after the acceptance of the Proposal, without any liability on the part of the Authority. Inasmuch as the damages to the Authority resulting from a termination by it upon the failure of the Contractor to furnish a satisfactory bond will include items whose accurate amount will be difficult or impossible to compute, such damages shall be liquidated in the sum of the following amounts:

(a) The excess, if any, of the total of the Sale Price and Work Price quoted in the Proposal finally accepted over such total quoted in the Proposal of the Contractor; and

(b) The expense of such new advertisement of the Contract, if any, as may be deemed necessary by the Authority; and

(c) The sum of $500.00 for each day after the receipt by the Contractor of the acceptance of his Proposal that the performance of the Contract is not commenced by reason of the failure of the Contractor to furnish the required bond.

In the recovery of the damages above specified, the Authority may proceed against the sum represented by the certified check deposited with it or against the Bid Bond and take such other action as it may deem best in the public interest.

If the Contractor furnishes a bond in accordance with the requirements of the Authority under this numbered clause, the Authority shall reimburse the Contractor for the net amount actually paid by him to the surety or sureties as the premium on such bond. The Contractor shall deliver to the Engineer receipts from the surety or sureties evidencing such payment and the amount thereof. Within fifteen days after receipt of such evidence satisfactory to the Engineer, the Authority shall pay to the Contractor by check the amount provided in this numbered clause.

If at any time the Authority shall be or become dissatisfied with any surety or sureties then upon any bond furnished in accordance with the requirements of the Authority, or if for any other reason such bond shall cease to be adequate security to the Authority, the Contractor shall, within five days after notice from the Authority so to do, substitute a new bond in such form and sum and signed by such other sureties as may be necessary in the opinion of the Authority to constitute adequate security.

CHAPTER 11

ADJUSTMENTS AND PAYMENTS

5. REDUCTION OF PRICES.

If any Materials or Work required by the Contract Drawings and Specifications in their present form shall be countermanded or reduced, the Engineer shall have full authority on behalf of both parties to make such reduction in the Sale Price or Work Price as he may in his sole discretion deem equitable and reasonable, and in making such reduction, no allowance to the Contractor shall be made for anticipated profits.

The Director shall have the authority to agree in writing with the Contractor for reductions in the Sale Price or Work Price in lieu of those for which provision is heretofore made in this numbered clause.

6. COMPENSATION FOR EXTRAS.

If Extra Materials be furnished or Extra Work be performed, the Contractor's compensation shall be increased by the following amounts, and such amounts only:

(a) In the case of Extra Materials procured or Extra Work performed by the Contractor himself, an amount equal to the actual net cost in money of such Extra Materials and of the labor required for such Extra Work, plus fifteen per cent (15%) of such net cost, plus such rental, for the number of hours during which equipment (other than small tools and exclusive of operator) is utilized for such Extra Work, as the Engineer deems reasonable.

(b) In the case of Extra Materials procured or Extra Work performed by a subcontractor, an amount equal to the actual net cost in money of such Extra Materials and of the labor required for such Extra Work, plus fifteen per cent (15%) of such net cost, plus such rental, for the number of hours during which equipment (other than small tools and exclusive of operator) is utilized for such Extra Work, as the Engineer deems reasonable, plus five per cent (5%) of the sum of the foregoing costs, percentage of cost, and rental.

As used in this numbered clause (and in this clause only):

"Materials" means temporary and consumable Materials as well as permanent Materials; and "cost of Materials" means the price (including taxes actually paid by the Contractor as required by law upon the basis of such Materials) for which such Materials are sold for cash by the manufacturers or producers thereof, or by regular dealers therein, whether or not such Materials are purchased directly from the manufacturer, producer or dealer (or if the Contractor is the manufacturer or producer thereof, the reasonable cost to the Contractor of the manufacture and production), plus the reasonable cost of delivering such Materials to the construction site in the event that the price paid to the manufacturer, producer or dealer does not include delivery, and, in case of temporary Materials, less their salvage value, if any.

"Labor" means foremen, laborers, mechanics and other employees below the rank of superintendent, directly employed at the construction site, whether employed by the Contractor or by the subcontractors, subject to the Engineer's authority to determine what employees of any category are 'required for Extra Work' and as to the portion of their time allotted to Extra Work; and "cost of labor' means the proper proportion of wages actually paid to and received by such employees, plus a proper proportion of (a) premiums actually paid by the employer for Workmen's Compensation Insurance* upon the basis of such wages, (b) vacation allowances and union dues and assessments which the employer actually pays pursuant to contractual obligation upon the basis of such wages, and (c) taxes actually paid by the employer pursuant to law upon the basis of such wages.

"Work day" in reference to an item of equipment means a day other than a Saturday, Sunday or legal holiday except that if the particular item of equipment is actually utilized at the construction site by the Contractor or subcontractors under this or any other Contract with the Authority on a Saturday, Sunday or legal holiday said day shall be deemed a work day.

The rental for equipment, whether owned by the Contractor or subcontractors or rented from others and notwithstanding the actual price of any rental or actual costs associated with such equipment, shall be computed by the Engineer on the basis of the following:

(1) (a) Hourly rental for those items of equipment listed in the "Green Book" (the publication of the Associated Equipment Distributors of 615 West 22nd Street, Oakbrook, Illinois 60523) shall be 80% of the applicable rates as listed in said book, reduced to an hourly basis (see formula below).

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*Reference in this clause and elsewhere in this Contract to reimbursement for Workmen's Compensation Insurance premiums shall be deemed to refer only to electricians who are members of Local Union No. 3, since other employees employed exclusively at the construction site by the Contractor and the subcontractors are covered by a policy procured and paid for by the Authority as provided in the clause hereof entitled "Insurance Procured by Authority".

(b) Hourly rental for those items of equipment not listed in the "Green Book" shall be 100% of the applicable rates given in the "Blue Book" (published by Equipment Guide Book Co., 615 University Ave., Palo Alto, California 94301), reduced to an hourly basis (see formula below). The editions of these publications to be used shall be those in effect on the date of the receipt of bids on this Contract. None of the provisions of the "Green Book" or the "Blue Book" shall be deemed referred to or included in this Contract excepting only the aforesaid rates. Accordingly, notwithstanding any provision to the contrary appearing in said publications, it is expressly agreed that the rental determined from the applicable rates in said publication in accordance with the provisions hereof covers items of cost and expense to the Contractor in connection with equipment of any type whatsoever, including gas, oil, maintenance, repairs, insurance, and, except in the case of equipment utilized just for Extras, transportation to and from the construction site.

(c) If no listing of rates for the item of equipment is made in either of the foregoing publications, the Engineer shall determine the reasonable rate of rental of the particular item of equipment by such other means as he finds appropriate.

(2) In instances where the rates appearing in the "Green Book" or the "Blue Book" are utilized, the Engineer shall determine the applicable rate and the hourly rental determined therefrom by applying the following criteria:

(a) Whether the rates to be applied from the foregoing publications shall be the daily, weekly or monthly rates shall be determined by the number of consecutive work days in the period during which the particular equipment or a substitute item of equipment is continuously at the construction site for use by the Contractor or subcontractors under this or any other Contract with the Authority. Included within this period will be (i) work days of idleness of the equipment at the construction site whether such idleness results from acts or omissions of the Contractor, the Authority or third persons, breakdowns in the equipment or any other cause, (ii) work days on which the equipment is removed from the construction site solely to enable the performance of repairs thereon, and (iii) work days intervening between the removal of equipment from the construction site for repairs and the delivery to the construction site of substitute equipment. The number of work days in the period for each rate shall be as indicated on the following page:

Three work days or less - daily rate

More than three work days but not more than fifteen work days - weekly rate

More than fifteen work days - monthly rate

The pro rata portion which one hour bears to the applicable rate shall be determined in accordance with the following formula:

Hourly rate based on daily rental	1/8 (80% x daily rental from Green Book) or 1/8 (100% x daily rental from Blue Book)
Hourly rate based on weekly rental	1/40 (80% x weekly rental from Green Book) or 1/40 (100% x weekly rental from Blue Book)
Hourly rate based on monthly rental	1/176 (80% x monthly rental from Green Book) or 1/176 (100% x monthly rental from Blue Book)

(b) If the Engineer should determine that the nature or size of the equipment used by the Contractor in connection with Extras is larger or more elaborate, as the case may be, than the size or nature of the minimum equipment determined by the Engineer to be suitable for the Extras, the reasonable rental will not be based upon the equipment used by the Contractor but will be based on the smallest or least elaborate equipment determined by the Engineer to have been suitable for the performance of the Extras.

(3) In the case of equipment utilized only for Extras: (a) in addition to amounts determined as provided in subparagraphs (1) and (2) above, there will be included in the rental the reasonable cost of transporting such equipment to and from the construction site, and (b) notwithstanding the number of hours during which such equipment is utilized, the minimum rental therefor will be for a period of eight hours.

In computing the Contractor's compensation insofar as it is based upon Extra Materials and Extra Work, no consideration shall be given to any items of cost or expense not expressly set forth above, it being expressly agreed that the costs and percentage additions hereinbefore provided cover items of cost and expense to the Contractor of any type whatsoever, including administration, overhead, superintendence, taxes (other than those enumerated above), profit to the Contractor and small tools.

Whenever any Extra Materials are furnished (whether by the Contractor directly or through a subcontractor), the Contractor shall, at the end of each day, submit to the Engineer a memorandum showing the amount and character of Extra Materials furnished, from whom they were purchased, and the amount to be paid therefor.

Whenever any Extra Work is performed (whether by the Contractor directly or through a subcontractor), the Contractor shall, at the end of each day, submit to the Engineer (a) daily time slips showing the name and number of each workman employed on such Work, the number of hours which he is employed thereon, the character of his duties, and the wages to be paid to him, (b) a memorandum showing the rates and amounts of Workmen's Compensation Insurance premiums* and state and federal taxes based on such wages, and vacation allowances and union dues and assessments which the employer actually pays pursuant to contractual obligation upon the basis of such wages, and (c) a memorandum of the equipment used in the performance of such Work, together with the rental claimed therefor.

* See first footnote in this clause.

The memoranda and time slips required under the immediately preceding two paragraphs are for the purpose of enabling the Engineer to determine the amounts to be paid by the Authority under this numbered clause; and accordingly, they shall constitute a condition precedent to such payment and the failure of the Contractor to furnish them with respect to any particular Materials or Work shall constitute a conclusive and binding determination on his part that such Materials or Work are not Extra Materials or Extra Work, and shall constitute a waiver by the Contractor of claims for payment upon that basis, or any other basis.

The Director, or the Engineer acting personally and subject to the limitation expressed in the clause of the Form of Contract entitled "Extra Orders" respecting his authorization to order Extra Work and Extra Materials totaling not more than $5,000, shall have authority to agree in writing with the Contractor on behalf of the Authority upon compensation for Extra Materials and Extra Work in lieu of the compensation for which provision is heretofore made in this numbered clause. Such compensation shall be stated separately for the Extra Materials and for the Extra Work.

7. MONTHLY ADVANCES.

On or about the first day of each month, the Engineer shall (upon receipt from the Contractor of such information as he may require) render the following two certificates to the Authority based upon the Engineer's estimates:

(a) A certificate showing (i) the approximate amount of Materials (other than Extra Materials) delivered by the Contractor up to that time and a sum bearing the same proportion to the Sale Price as the Materials delivered (other than Extra Materials) bears to the total Materials required under this Contract (other than Extra Materials); (ii) the approximate amount of Extra Materials delivered by the Contractor up to that time and the approximate sum attributable to such Materials under the clause hereof entitled "Compensation for Extras" and "Unit Prices".

(b) A certificate showing (i) the approximate amount of Work (other than Extra Work) performed by the Contractor up to that time and a sum bearing the same proportion to the Work Price as the Work performed (other than Extra Work) bears to the total Work required under this Contract (other than Extra Work); (ii) the approximate amount of Extra Work performed by the Contractor up to that time and the approximate sum attributable to such Extra Work under the clause hereof entitled "Compensation for Extras" together with the sums applicable under the clause hereof entitled "Idle Salaried Men and Equipment".

As an aid to the Contractor and to facilitate his performance, the Authority shall, each month, within fifteen days after the receipt of such certificates, advance to the Contractor by separate checks the sums certified in each such certificate, minus, however, either (1) ten per cent of each sum certified pursuant to subparagraph (a) (i) and subparagraph (b) (i) of this numbered clause or (2) a total of five percent of the sum of the Sale Price and the Work Price, whichever is less, and minus all prior advances and payments to the Contractor or for his account, and minus payments by the Authority to lessors of construction equipment.

8. FINAL PAYMENTS.

After the rendition of the Certificate of Completion of Sale or the Certificate of Completion of Work and upon receipt from the Contractor of such information as may be required, the Engineer shall certify in writing to the Authority and to the Contractor the total compensation earned by the Contractor in connection with the Sale or the Work, as the case may be.

If so required, the Contractor shall thereupon furnish to the Authority a detailed sworn statement of all claims, just and unjust, of subcontractors, materialmen and other third persons then outstanding and which he has reason to believe may thereafter be made on account of the Sale and Work.

Within thirty days after issuance of each such certificate of total compensation earned (or within thirty days after receipt of the documents provided for in the immediately preceding paragraph, if required), the Authority shall pay to the Contractor by check the amount stated in said certificate, less all other payments and advances whatsoever to or for the account of the Contractor, and less payments by the Authority to lessors of construction equipment, if any. All prior estimates and payments shall be subject to correction in this payment, which is throughout this Contract called the Final Payment for the Sale or for the Work, as the case may be.

The acceptance by the Contractor, or by anyone claiming by or through him, of a Final Payment shall be and shall operate as a release to the Authority of all claims and of all liability to the Contractor for all things done or furnished in connection with the Sale or Work, as the case may be, and for every act and neglect of the Authority and others relating to or arising out of such Sale or Work, including claims arising out of breach of contract and claims based on claims of third persons, excepting only his claims for reimbursement for certain sales taxes as hereinbefore provided. No payment, however, final or otherwise shall operate to release the Contractor or his sureties from any obligations in connection with this Contract or the Performance and Payment Bond.

The Contractor's agreement as provided in the immediately preceding paragraph above shall be deemed to be based upon the consideration forming part of this Contract as a whole and not to be gratuitous; but in any event even if deemed gratuitous and without consideration, such agreement as provided in the immediately preceding paragraph above shall nevertheless be effective. Such release shall include all claims,

whether or not they have yet arisen or have yet been asserted and whether or not in litigation and even though still under consideration by the Authority or the Engineer. Such release shall be effective notwithstanding any purported reservation of right by the Contractor to preserve such claim. The acceptance of any check designated as "Final Payment for Sale" or "Final Payment for Work" or bearing any similar designation shall be conclusively presumed to demonstrate the intent of the Contractor that such payment was intended to be accepted as final, with the consequences provided in this numbered clause, notwithstanding any purported reservation of rights.

The Contractor agrees that he shall not be entitled to, and hereby waives any right he might otherwise have to, and shall not seek any judgment whether under this Contract or otherwise for any such Final Payment or for an amount equivalent thereto or based thereon, or for any part thereof, if such judgment would have the effect of varying, setting aside, disregarding or making inapplicable the terms of this numbered clause or have the effect in any way of entitling the Contractor to accept such Final Payment or an amount equivalent thereto or based thereon or any part thereof other than in the same fashion as a voluntary acceptance of a Final Payment subject to all the terms of this Contract including this numbered clause, unless and until the Contractor should obtain a judgment on any claim arising out of or in connection with this Contract (including a claim based on breach of contract) for an amount not included in said Final Payment. In any case in which interest is allowable on the amount of the Final Payment, such interest shall be at the rate of 4% per annum for the period, if any, in which such interest is due.

9. WITHHOLDING OF PAYMENTS

If (1) the Contractor fails to perform any of his obligations under this Contract or any other agreement between the Authority and the Contractor (including his obligation to the Authority to pay any claim lawfully made against him by any materialman, subcontractor or workman or other third person which arises out of or in connection with the performance of this Contract or any other agreement with the Authority) or (2) any claim (just or unjust) which arises out of or in connection with this Contract or any other agreement between the Authority and the Contractor is made against the Authority or (3) any subcontractor under this Contract or any other agreement between the Authority and the Contractor fails to pay any claims lawfully made against him by any materialman, subcontractor, workman or other third person which arises out of or in connection with this Contract or any other agreement between the Authority and the Contractor or if in the opinion of the Director any of the aforesaid contingencies is likely to arise, then the Authority shall have the right, in its discretion, to withhold out of any payment (final or otherwise and even though such payment has already been certified as due) such sums as the Director may deem ample to protect it against delay or loss or to assure the payment of just claims of third persons, and to apply such sums in such manner as the Director may deem proper to secure such protection or satisfy such claims. All sums so applied shall be deducted from the Contractor's compensation. Omission by the Authority to withhold out of any payment, final or otherwise, a sum for any of the above contingencies, even though such contingency has occurred at the time of such payment, shall not be deemed to indicate that the Authority does not intend to exercise its right with respect to such contingency. Neither the above provisions for rights of the Authority to withhold and apply monies nor any exercise or attempted exercise of, or omission to exercise, such rights by the Authority shall create any obligation of any kind to such materialmen, subcontractors, workmen or other third persons.

Until actual payment to the Contractor, his right to any amount to be paid under this Contract (even though such amount has already been certified as due) shall be subordinate to the rights of the Authority under this numbered clause.

If, however, the payment of any amount due the Contractor shall be improperly delayed by the fault of the Authority, the Authority shall pay the Contractor interest thereon at the rate of four per cent (4%) per annum for the period of delay, it being agreed that such interest shall be in lieu of and in liquidation of any damages to the Contractor because of such delay.

CHAPTER III

PROVISIONS RELATING TO TIME

10. TIMES FOR COMMENCEMENT OF WORK

Unless otherwise permitted by the Engineer, the Contractor shall not commence operations (including storage of materials or equipment) within or at the North Tower Building or the South Tower Building until, in the case of each building, the date of commencement stipulated in a written notice at least thirty (30) days prior to such date. It is presently expected, but not guaranteed, that said dates of commencement will be as follows:

North Tower Building	-	May 15, 1969
South Tower Building	-	November 1, 1969

11. TIMES FOR COMPLETION

A. The Contractor shall complete the performance of the entire Sale and and Work under the Contract as follows:

1.	North Tower Main Lobby	-	August 1, 1969
	North Tower Building	-	August 1, 1970
2.	South Tower Main Lobby	-	March 1, 1970
	South Tower Building	-	March 15, 1971

B. The Contractor shall furnish all Extra Materials and perform all Extra Work ordered in accordance with the provisions of this Contract as expeditiously as possible. Such orders may be issued with respect to either Tower at any time up to and including 365 days after the actual date of completion of such Tower.

C. If a Performance and Payment Bond is required, the Contractor shall not commence the performance of the Contract until the date of receipt by him of notice from the Authority that the Performance and Payment Bond furnished by him is satisfactory.

The times for completion shall not be extended on account of the times required to furnish such bond, but the Authority shall give notice to the Contractor within five days after receipt of the Performance and Payment Bond as to whether or not such bond is satisfactory.

The Contractor's obligations for the performance and completion of the Sale and Work within the times provided for in this Contract are of the essence of this Contract. The Contractor guarantees that he can and will complete such performance (including furnishing Extra Materials and performing Extra Work), within the times above provided, subject, however, but subject only, to the clause hereof entitled "Extensions of Time."

12. EXTENSIONS OF TIME.

The times above provided for completion of any part of the Contract shall be extended (subject, however, to the provisions of this numbered clause) only if in the opinion of the Engineer, acting personally, the Contractor is necessarily delayed in completing such part by such time solely and directly by a cause which meets all the following conditions:

1. Such cause is beyond the Contractor's control and arises without his fault;

2. Such cause comes into existence after the opening of Proposals on this Contract and neither was nor could have been anticipated by investigation before such opening.

Variations in temperature and precipitation shall be conclusively deemed to have been anticipated before opening of such Proposals on this Contract except to the extent that the actual monthly average temperature varies from a temperature which is 10 per cent above or below the monthly normal temperature and except to the extent that the actual number of days of precipitation (of 0.1 inch or more) per month exceeds a number equal to two plus the normal number of days of precipitation per month.

In any case, the variations in temperature and precipitation described in the immediately preceding sentence will be cause for an extension of time only if occurring between the actual time of commencement of the Work at the construction site and the time for completion stipulated in the clause hereof entitled "Times for Completion" (or such time as extended as provided for herein). In the case of portions of months the number of days will be pro-rated by the Engineer. Temperature and precipitation shall be as recorded by the U. S. Weather Bureau in its publications, including that entitled "Local Climatological Data with Comparative Data", which is applicable to the area in which the Work is to be performed, and in the case of precipitation, the normal number of days of precipitation (of 0.1 inch or more) per month as abstracted from the aforementioned publications are as follows:

Month	Normal number of days per month on which precipitation exceeds 0.1 inch
January	7
February	7
March	8
April	7
May	6
June	6
July	5
August	7
September	6
October	6
November	7
December	7

In any event, even though a cause of delay meets all the above conditions, an extension shall be granted only to the extent that (i) the performance of the Work is actually and necessarily delayed and (ii) the effect of such cause cannot be anticipated and avoided or mitigated by the exercise of all reasonable precautions, efforts and measures (including planning, scheduling and rescheduling), whether before or after the occurrence of the cause of delay, and an extension shall not be granted for a cause of delay which would not have affected the performance of the Contract were it not for the fault of the Contractor or for other delay for which the Contractor is not entitled to an extension of time.

Any reference herein to the Contractor shall be deemed to include subcontractors and materialmen, whether or not in privity of contract with the Contractor, and employees and others performing any part of the Contract and all the foregoing shall be considered as agents of the Contractor.

The period of any extension of time shall be that necessary to make make up the time actually lost, subject to the provisions of this numbered clause, and shall be only for the portion of the Contract actually delayed. All or part of decisions on an extension of time may be deferred and any extension may be rescinded or shortened if it subsequently is found that the delays can be overcome or reduced by the exercise of reasonable precautions, efforts and measures.

As a condition precedent to an extension of time, the Contractor shall give written notice to the Engineer within 48 hours after the time when he knows or should know of any cause which might under any circumstances result in delay for which he claims or may claim an extension of time (including those causes which the Authority is responsible for or has knowledge of), specifically stating that an extension is or may be claimed, identifying such cause and describing, as fully as practicable at the time, the nature and expected duration of the delay and its effect on the various portions of the Contract. Since the possible necessity for an extension of time may materially alter the scheduling, plans and other actions of the Authority, and since, with sufficient opportunity, the Authority might if it so elects attempt to mitigate the effect of a delay for which an extension of time might be claimed, and since merely oral notice may cause disputes as to the existence or substance thereof, the giving of written notice as above required shall be of the essence of the Contractor's obligations and failure of the Contractor to give written notice as above required shall be a conclusive waiver of an extension of time.

It shall in all cases be presumed that no extension, or further extension, of time is due unless the Contractor shall affirmatively demonstrate to the satisfaction of the Engineer acting personally that it is. To this end the Contractor shall maintain adequate records supporting any claim for an extension of time, and in the absence of such records, the foregoing presumption shall be deemed conclusive.

13. IDLE SALARIED MEN AND EQUIPMENT.

If any salaried men or equipment of the Contractor or any subcontractor are necessarily kept continuously idle and wholly unoccupied at the construction site for a full day on each of five or more full days on which they would be engaged in the performance of the Work but for causes due solely to acts or omissions or the Authority or the Engineer occurring after the opening of Proposals on this Contract, and if such idleness is not due to any cause within the control of the Contractor or of any of his subcontractors or materialmen or his or their employees, then the Authority shall pay to the Contractor and the Contractor shall accept (in addition to any sums otherwise payable under this Contract, and in full satisfaction of and in liquidation of all claims for damages because of such act or omission of the Authority or the Engineer) an amount equal to that which the employer actually pays such salaried employees during such full days of idleness, plus a proper proportion of the premiums actually paid for Workmen's Compensation Insurance upon the basis of such salaries*, a proper proportion of vacation allowances and union dues and assessments actually paid by the employer pursuant to contractual obligations on the basis of such salaries, and a proper proportion of the taxes actually paid by the employer pursuant to law upon the basis of such salaries and plus such rental for such idle equipment as

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* Reference in this clause and elsewhere in this Contract to reimbursement for Workmen's Compensation Insurance premiums shall be deemed to refer only to electricians who are members of Local Union No. 3, since other employees employed exclusively at the construction site by the Contractor and the subcontractors are covered by a policy procured and paid for by the Authority as provided in the clause hereof entitled Insurance Procured by Authority.

the Engineer deems reasonable. The rental for idle equipment shall be computed by the Engineer in accordance with the provisions of the clause of the Form of Contract entitled "Compensation for Extras"; provided, however, that the five per cent (5%) of the rental to be paid in accordance with said clause in the case of equipment utilized by subcontractors shall not be payable in connection with such idle equipment; and provided further that the provisions of subparagraph (3) of said clause shall not be applicable to such idle equipment.

The Contractor shall give written notice to the Engineer before the end of the third of the above mentioned 5 or more full days (whether or not the Authority is aware of the existence of any circumstances which might constitute a basis for payment under this numbered clause), specifically stating that salaried men or equipment have been kept idle under circumstances which might result in payment under this numbered clause; and he shall furnish with such notice, for all the days that have occurred, and shall in addition furnish at the end of each additional day of the above mentioned 5 or more full days, (a) a memorandum showing the name, payroll title, salary rate and employer of each of the salaried men claimed to have been kept idle at the construction site, and the rates and amounts of Workmen's Compensation Insurance premiums* and taxes based upon their salaries and the holiday and vacation allowances and union dues and assessments which the employer must actually pay pursuant to contractual obligations based on their salaries, and (b) a memorandum of the equipment claimed to be kept idle, together with the amount claimed as rental therefor. Said notice and memoranda are for the purpose of enabling the Engineer to verify the Contractor's claim at the time, and of enabling him to take such steps as may be necessary to remedy the conditions upon which the claim is based. The furnishing of such notice and memoranda shall be a condition precedent to payment under this numbered clause, so that the day on which notice is given shall be counted as not later than the third of the above mentioned 5 or more full days and no subsequent day shall be counted for which the above memoranda are not furnished at the end of such day.

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* See previous footnote in this clause.

14. DELAYS TO CONTRACTOR.

As between the Contractor and the Authority, the Contractor assumes the risk of all suspensions of or delays in performance of the Contract, regardless of the length thereof, arising from all causes whatsoever, whether or not relating to this Contract, including wrongful acts or omissions of the Authority, its employees, agents, contractors or consultants, except only to the extent, if any, that compensation or an extension of time may be due as expressly provided for elsewhere in this Contract for such suspension or delays, and, subject only to such exception, the Contractor shall bear the burden of all costs, expenses and liabilities which he may incur in connection with such suspensions or delays, and all such suspensions, delays, costs, expenses and liabilities of any nature whatsoever, whether or not provided for in this Contract, shall conclusively be deemed to have been within the contemplation of the parties.

Notwithstanding any provisions of this Contract, whether relating to time of performance or otherwise, the Authority makes no representation or guaranty as to when the construction site or any part thereof will be available for the performance of the Contract or as to whether conditions at the construction site will be such as to permit the Contract to be performed thereon without interruption or by any particular sequence or method or as to whether the performance of the Contract can be completed by the time required under this Contract or by any other time.

Wherever in connection with this Contract it is required, expressly or otherwise, that the Authority shall perform any act relating to the Contract, including making available or furnishing any real property, materials, or other things, no guaranty is made by the Authority as to the time of such performance and the delay of the Authority in fulfilling such requirement shall not result in liability of any kind on the part of the Authority except only to the extent, if any, that an extension of time or compensation may be due as expressly provided for, respectively in the clauses hereof entitled "Extensions of Time" and "Idle Salaried Men and Equipment".

15. CANCELLATION FOR DELAY.

If the performance of the Contract or any portion of it shall in the opinion of the Director be materially delayed, whether or not through the fault of the Contractor, by any cause which affects the Contractor's ability to perform the Contract without affecting to the same degree the Authority's own ability to perform it, either directly or through others, the Authority shall have the right at any time during the existence of such delay to cancel this Contract as to any portion not yet performed, without prejudice to the rights, liabilities and obligations of the parties under this Contract arising out of portions already performed, provided, however, that such right of cancellation shall not exist if the delay be due to any wrongful act or omission of the Authority. In the event of such cancellation, no allowance shall be made for enticipated profits.

CHAPTER IV

CONDUCT OF CONTRACT

16. AUTHORITY OF DIRECTOR.

Inasmuch as the public interest requires that the project to which this Contract relates shall be performed in the manner which the Authority, acting through the Director, deems best, the Director shall have absolute authority to determine what is or is not necessary or proper for or incidental to the portion thereof specified in the clause hereof entitled "General Agreements" and the Contract Drawings and Specifications shall be deemed merely his present determination on this point. In the exercise of this authority, he shall have power to alter the Contract Drawings and Specifications; to require the furnishing of Materials and the performance of Work not required by them in their present form, even though of a totally different character from that now required; and to vary, increase and diminish the character, quantity and quality of, or to countermand any Materials or Work now or hereafter required. Such variation, increase, diminution or countermanding need not be based on necessity but may be based on convenience.

If at any time it shall be, from the viewpoint of the Authority, impracticable or undesirable in the judgment of the Director to proceed with or continue the performance of the Contract or any part thereof, whether or not for reasons beyond the control of the Authority, he shall have authority to suspend performance of any portion or all of the Sale or the Work until such time as he may deem it practicable or desirable to proceed. Moreover, if at any time it shall be, from the viewpoint of the Authority, impracticable or undesirable in the judgment of the Director to proceed with or continue the performance of the Contract or any part thereof for reasons beyond the control of the Authority, he shall have authority to cancel this Contract as to any or all portions not yet performed and as to any Materials not yet installed even though delivered. Such cancellation shall be without prejudice to the rights and obligations of the parties arising out of portions already performed, but no allowance shall be made for anticipated profits.

17. AUTHORITY AND DUTIES OF ENGINEER.

To resolve all disputes and to prevent litigation the parties to this Contract authorize the Engineer, acting personally, to decide all questions of any nature whatsoever arising out of, under, or in connection with, or in any way related to or on account of, this Contract (including claims in the nature of breach of Contract or fraud or misrepresentation before or subsequent to acceptance of the Contractor's Proposal and claims of a type which are barred by the provisions of this Contract) and his decision shall be conclusive, final and binding on the parties. His decision may be based on such assistance as he may find desirable, including advice of engineering specialists. The effect of his decision shall not be impaired or waived by any negotiations or settlement offers in connetion with the question decided, whether or not he participated therein himself, or by any prior decision of others, which prior decisions shall be deemed subject to review, or by any termination or cancellation of this Contract.

All such questions shall be submitted in writing by the Contractor to the Engineer, acting personally, for his decision, together with all evidence and other pertinent information in regard to such questions, in order that a fair and impartial decision may be made. In any action against the Authority relating to any such question the Contractor must allege in his complaint and prove such submission, which shall be a condition precedent to any such action. No evidence or information shall be introduced or relied upon in such an action that has not been so presented to the Engineer personally. Neither the requirements of this paragraph nor the time necessary for compliance therewith, however, shall affect the time when the Contractor's cause of action shall be deemed to have accrued for purposes of any statute controlling actions against the Authority, and the time of such accrual shall be determined without reference to this paragraph.

In the performance of the Contract, the Contractor shall conform to all orders, directions and requirements of the Engineer and shall perform the Contract to the satisfaction of the Engineer at such times and places, by such methods and in such manner and sequence as he may require, and the Contract shall at all stages be subject to his inspection. The Engineer shall determine the amount, quality, acceptability and fitness of all parts of the Materials and Work and shall interpret the Contract Drawings, Specifications and any orders for Extra Materials and Extra Work. The Contractor shall employ no equipment, materials, methods or men to which the Engineer objects, and shall remove no materials, equipment or other facilities from the construction site without permission. Upon request, the Engineer shall confirm in writing any oral order, direction, requirements or determination. The Contractor, however, shall continue to be an independent contractor and shall retain such control over and responsibility for his methods, manner and sequence of performance as normally belong to an independent contractor.

The enumeration herein or in the Specifications of particular instances in which the opinion, judgment, discretion or determination of the Engineer shall control or in which the Contract shall be performed to his satisfaction or subject to his inspection, shall not imply that only the matters of a nature similar to those enumerated shall be so governed and performed, but without exception the entire Contract shall be so governed and so performed.

18. NOTICE REQUIREMENTS.

No claim against the Authority shall be made or asserted in any action or proceeding at law or in equity, and the Contractor shall not be entitled to allowance of such claim, unless the Contractor shall have complied with all requirements relating to the giving of written notice and of information with respect to such claim as provided in this numbered clause. The failure of the Contractor to give such written notice and information as to any claim shall be conclusively deemed to be a waiver by the Contractor of such claim, such written notice and information being conditions precedent to such claim. As used herein "claim" shall include any claim arising out of, under, or in connection with, or in any way related to or on account of, this Contract (including claims in the nature of breach of Contract or fraud or misrepresentation before or subsequent to acceptance of the Contractor's Proposal and claims of a type which are barred by the provisions of this Contract) for damages, payment or compensation of any nature or for extension of any time for performance of any part of this Contract.

The requirements as to the giving of written notice and information with respect to claims shall be as follows:

1. In the case of any claims for extras, extensions of time for completion, idle salaried men and equipment, or any other matter for which requirements are set forth elsewhere in this Contract as to notice and information, such requirements shall apply.

2. In the case of all other types of claim, notice shall have been given to the Engineer, personally, as soon as practicable, and in any case, within 48 hours, after occurrence of the act, omission, or other circumstance upon which the claim is or will be based, stating as fully as practicable at the time all information relating thereto. Such information shall be supplemented with any further information as soon as practicable after it becomes or should become known to the Contractor, including daily records showing all costs which the Contractor may be incurring or all other circumstances which will affect any claim to be made, which records shall be submitted to the Engineer, personally.

The above requirements for notices and information are for the purpose of enabling the Authority to avoid waste of public funds by affording it promptly the opportunity to cancel or revise any order, change its plans, mitigate or remedy the effects of circumstances giving rise to a claim or take such other action as may seem desirable and to verify any claimed expense or circumstances as they occur, and the requirements herein for such notice and information are essential to this Contract and are in addition to any notice required by statute with respect to suits against the Authority.

The above referred to notices and information are required whether or not the Authority is aware of the existence of any circumstances which might constitute a basis for a claim and whether or not the Authority has indicated it will consider a claim.

No act, omission, or statement of any kind shall be regarded as a waiver of any of the provisions of this numbered clause or may be relied upon as such waiver except only either a written statement signed by the Executive Director or Deputy Executive Director of the Authority or a resolution of the Commissioners of the Authority expressly stating that a waiver is intended as to any particular provision of this numbered clause, and more particularly no discussion, negotiations, consideration, correspondence, or requests for information with respect to a claim by any Commissioner, officer, employee, agent, consultant or contractor of the Authority shall be construed as a waiver of any provision of this numbered clause or as authority or apparent authority to effect such a waiver.

Since merely oral notice or information may cause disputes as to the existence or substance thereof, and since notice, even if written, to other than the Authority representative above designated to receive it may not be sufficient to come to the attention of the representative of the Authority with the knowledge and responsibility of dealing with the situation, only notice and information complying with the express provisions of this numbered clause shall be deemed to fulfill the Contractor's obligation under this Contract.

.9. MINIMUM WAGES.

The Contractor shall pay (and shall cause all subcontractors to pay) to his or their workmen, laborers and mechanics (who are employed by him or them to work on an hourly or daily basis at any trade or occupation at or about the construction site) at least the prevailing rate of wage for others engaged in the same trade or occupation in the locality in which Work is being performed; and if any of such workmen, laborers or mechanics are employed for more than eight hours in any calendar day, they shall be paid at an increased rate for overtime.

The provisions of this numbered clause are inserted in this Contract for the benefit of such workmen, laborers and mechanics as well as for the benefit of the Authority; and if the Contractor or any subcontractor shall pay any such workman, laborer or mechanic less than the rates of wages above described, such workman, laborer or mechanic shall have a direct right of action against the Contractor or such subcontractor for the difference between the wages actually paid and those to which he is entitled under this clause. If such workman, laborer or mechanic is employed by any subcontractor whose subcontract does not contain a provision substantially similar to the provisions of this clause (requiring the payment of at least the above minimum wages, and providing for a cause of action in the event of the subcontractor's failure to pay such wages), such workman, laborer or mechanic shall have a direct right of action against the Contractor. The Authority shall not be a necessary party to any action brought by any workman, laborer or mechanic to obtain a money judgment against the Contractor or any subcontractor pursuant to this numbered clause.

Nothing herein contained shall be construed to prevent the Contractor or any subcontractor from paying higher rates of wages than the minimum rates hereinbefore prescribed; and nothing herein contained shall be construed to constitute a representation or guarantee that the Contractor or any subcontractor can obtain workmen, laborers and mechanics for the minimum rates of wages hereinbefore prescribed.

20. EQUAL EMPLOYMENT OPPORTUNITY.

During the performance of this Contract, the Contractor agrees as follows:

(a) The Contractor will not discriminate against any employee or applicant for employment because of race, creed, color or national origin, and will take affirmative action to insure that they are afforded equal employment opportunities without discrimination because of race, creed, color or national origin. Such action shall be taken with reference, but not be limited, to: recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, rates of pay or other forms of compensation, and selection for training or retraining, including apprenticeship and on-the-job training.

(b) The Contractor shall send to each labor union or representative of workers with which he has or is bound by a collective bargaining or other agreement or understanding, a notice, to be provided by the State Commission for Human Rights, advising such labor union or representative of the Contractor's agreement under clauses (a) through (h) (hereinafter called "non-discrimination clauses"). If the Contractor was directed to do so by the Authority as part of the bid or negotiation of this Contract, the Contractor shall request such labor union or representative to furnish him with a written statement that such labor union or representative will not discriminate because of race, creed, color or national origin and that such labor union or representative either will affirmatively cooperate, within the limits of its legal and contractual authority, in the implementation of the policy and provisions of these non-discrimination clauses or that it consents and agrees that recruitment, employment, and the terms and conditions of employment under this Contract shall be in accordance with the purposes and provisions of these non-discrimination clauses. If such labor union or representative fails or refuses to comply with such a request that it furnish such a statement, the Contractor shall promptly notify the State Commission for Human Rights of such failure or refusal.

(c) The Contractor shall post and keep posted in conspicuous places, available to employees and applicants for employment, notices to be provided by the State Commission for Human Rights setting forth the substance of the provisions of clauses (a) and (b) and such provisions of the State's laws against discrimination as the State Commission for Human Rights shall determine.

(d) The Contractor shall state, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, that all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color or national origin.

(e) The Contractor shall comply with the provisions of Sections 291-299 of the Executive Law and the Civil Rights Law, shall furnish all information and reports deemed necessary by the State Commission for Human Rights under these non-discrimination clauses and such sections of the Executive Law, and shall permit access to his books, records and accounts by the State Commission for Human Rights, the Attorney General and the Industrial Commissioner for the purposes of investigation to ascertain compliance with these non-discrimination clauses and such sections of the Executive Law and Civil Rights Law.

(f) This Contract may be forthwith canceled, terminated or suspended, in whole or in part, by the Authority upon the basis of a finding made by the State Commission for Human Rights that the Contractor has not complied with these non-discrimination clauses, and the Contractor may be declared ineligible for future contracts made by or on behalf of the State, the Authority or other public authority or agency of the State, until he has satisfied the State Commission for Human Rights that he has established and is carrying out a program in conformity with the provisions of these non-discrimination clauses. Such findings shall be made by the State Commission for Human Rights after conciliation efforts by the Commission have failed to achieve compliance with these non-discrimination clauses and after a verified complaint has been filed with the Commission, notice thereof has been given to the Contractor by the Commission and an opportunity has been afforded him to be heard publicly before three members of the Commission. Such sanctions may be imposed and remedies invoked independently of or in addition to sanctions and remedies otherwise provided by law.

(g) The Contractor shall include the provisions of clauses (a) through (f) in every subcontract or purchase order in such a manner that such provisions will be binding upon each subcontractor or vendor as to operations to be performed within the State of New York. The Contractor shall take such action in enforcing such provisions of such subcontract or purchase order as the Authority may direct, including sanctions or remedies for non-compliance. If the Contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the Authority, the Contractor shall promptly so notify the General Counsel of the Authority, requesting him to intervene and protect the interests of the Authority.

(h) The provisions of this numbered clause which refer to the State Commission for Human Rights, the Attorney General and the Industrial Commissioner are inserted in this Contract for the benefit of such parties, as well as for the benefit of the Authority, and said Commission, Commissioner and the Attorney General shall have a direct right of action against the Contractor to effectuate the intent of this clause.

21. EXTRA ORDERS

The Chief of the Planning and Construction Division of The World Trade Center of the World Trade Department of the Authority, acting personally, may expressly agree in writing with the Contractor on the furnishing of Extra Materials and the performance of Extra Work for an agreed lump sum price or an estimated unit price compensation totaling not more than $5,000 in connection with any one order. Except as specifically provided in the preceding sentence, no Extra Materials shall be furnished or Extra Work performed except pursuant to written orders of the Director expressly and unmistakably indicating his intention to treat the Materials or Work described therein as Extra. The Director and the Engineer, acting personally and subject to the foregoing limitation respecting orders totaling not more than $5,000, shall have authority to order any item of Extra Materials or Extra Work, if the cost thereof to the Authority together with the cost of all other Extra Materials and Extra Work previously ordered will not be in the aggregate in excess of Eighty Thousand Dollars ($80,000.00); provided, however, that Extra Materials or Extra Work aggregating in excess of such amount may be so ordered if expressly authorized in a written memorandum from the Executive Director or Deputy Executive Director of the Authority to the Director issued pursuant to a resolution of the Commissioners of the Authority or its Committee of Construction.

In the absence of such an order signed by the Director or in the case of Extra Materials and Extra Work aggregating not more than $5,000 signed by the Chief of the Planning and Construction Division, acting personally, if the Engineer shall direct, order or require any Materials or Work, whether orally or in writing, which the Contractor deems to be Extra, the Contractor shall, nevertheless, comply therewith, but shall within twenty-four hours give written notice thereof to the Director and the Engineer, stating why he deems it to be Extra, and shall moreover furnish to the Engineer time slips and memoranda as required by the clause hereof entitled "Compensation for Extras". Said notice, time slips and memoranda are for the purpose of affording to the Director an opportunity to verify the Contractor's claim at the time and (if he desires so to do) to cancel promptly such order, direction or requirement of the Engineer, of affording to the Engineer an opportunity of keeping an accurate record of the materials, labor and other items involved, and generally of affording to the Authority an opportunity to take such action as it may deem desirable in light of the Contractor's claims. Accordingly, the failure of the Contractor to serve such notice or to furnish such time slips and memoranda shall be deemed to be a conclusive and binding determination on his part that the direction, order or requirement of the Engineer does not involve the furnishing or performance of Extra Materials or Extra Work, and shall be deemed to be a waiver by the Contractor of all claims for additional compensation or damages by reason thereof, such written notice, time slips and memoranda being a condition precedent to such claims.

The provisions of this Contract relating generally to the Sale and the Work shall apply without exception to any Extra Materials or Extra Work required, except to the extent that a written order in connection with any particular item of Extra Materials or Extra Work may expressly provide that any particular provisions of the Specifications do not apply.

22. TITLE TO MATERIALS.

All Materials to be sold hereunder shall be and become the property of the Authority upon delivery at the construction site or upon being especially adapted for the Sale, whichever may first occur, subject, however, to the Contractor's assumption of risk under the clause hereof entitled "Risks of Materials and Work Assumed by the Contractor."

The Contractor shall promptly furnish to the Authority such bills of sale and other instruments as may be required by it, properly executed, acknowledged and delivered, assuring to it title to such Materials, free of encumbrances and shall mark or otherwise identify all such Materials as the property of the Authority.

23. ASSIGNMENTS AND SUBCONTRACTS.

Any assignment or other transfer by the Contractor of this Contract or any part hereof or of any of his rights hereunder or of any monies due or to become due hereunder and any delegation of any of his duties hereunder without the express consent in writing of the Authority shall be void and of no effect as to the Authority, provided, however, that the Contractor may subcontract portions of the Sale and the Work to such persons as the Engineer may, from time to time, expressly approve in writing. All further subcontracting by any subcontractor shall also be subject to such approval of the Engineer. Approval of a subcontractor may be conditioned on (among other things) the furnishing, without expense to the Authority, of a surety bond guaranteeing payment by the subcontractor of claims of materialmen, subcontractors, workmen and other third persons arising out of the subcontractor's performance of any part of the Sale or Work.

No consent to any assignment or other transfer, and no approval of any subcontractor, shall under any circumstances operate to relieve the Contractor of any of his obligations; no subcontract, no approval of any subcontractor and no act or omission of the Authority or the Engineer shall create any rights in favor of such subcontractor and against the Authority; and as between the Authority and the Contractor, all assignees, subcontractors, and other transferees shall for all purposes be deemed to be agents of the Contractor. Moreover, all subcontracts and all approvals of subcontractors shall be and, regardless of their form, shall be deemed to be conditioned upon performance by the subcontractor in accordance with this Contract; and if any subcontractor shall fail to perform the Contract to the satisfaction of the Engineer, the Engineer shall have the absolute right to rescind his approval forthwith and to require the performance of the Contract by the Contractor personally or through other approved subcontractors.

24. CLAIMS OF THIRD PERSONS.

The Contractor undertakes to pay all claims lawfully made against him by subcontractors, materialmen and workmen, and all claims lawfully made against him by other third persons arising out of or in connection with or because of the performance of this Contract and to cause all subcontractors to pay all such claims lawfully made against them.

25. CERTIFICATES OF PARTIAL COMPLETION.

If at any time prior to the rendition of the Certificate of Completion of Work, any portion of the permanent construction has been satisfactorily completed, and if in the judgment of the Engineer such portion of the permanent construction is not necessary for the operations of the Contractor but will be immediately useful to and is needed by the Authority for other purposes, the Engineer may render to the Authority and to the Contractor a certificate in writing to that effect (herein called a Certificate of Partial Completion), and thereupon or at any time thereafter the Authority may take over and use the portion of the permanent construction described in such Certificate and exclude the Contractor therefrom.

The rendition of the Certificate of Partial Completion shall not be construed to constitute an extension of the Contractor's time to complete the portion of the permanent construction to which it relates in the event that he has failed to complete the same in accordance with the terms of this Contract. Moreover, the acceptance of a Certificate of Partial Completion by the Authority shall not operate to release the Contractor or his sureties from any obligations under or upon this Contract or the Performance and Payment Bond.

26. CERTIFICATE OF COMPLETION OF SALE.

After the satisfactory delivery of all Materials whatsoever required to be sold and the making of such tests and inspections as may be necessary or desirable, the Engineer shall render to the Authority and to the Contractor a certificate in writing (herein called the Certificate of Completion of Sale) certifying that in his opinion all Materials under this Contract, including Extra Materials, have been delivered in accordance with the Contract Drawings and Specifications and the requirements of the Engineer, and certifying the date as of which such delivery was so completed. The cost of such tests and inspections beyond those required by the Contract Drawings and Specifications shall not be charged to the Contractor.

The rendition of the Certificate of Completion of Sale shall not be construed to constitute an extension of the Contractor's time for performance in the event that he has failed to complete the Sale in accordance with the terms of this Contract. Moreover, the acceptance of the Certificate of Completion of Sale by the Authority shall not operate to release the Contractor or his sureties from any obligations under or upon this Contract or the Performance and Payment Bond.

27. CERTIFICATE OF COMPLETION OF WORK.

After the satisfactory completion of all Work whatsoever required to be performed and the making of such tests and inspections as may be necessary or desirable, the Engineer shall render to the Authority and to the Contractor a certificate in writing (herein called the Certificate of Completion of Work) certifying that in his opinion all Work under this Contract, including Extra Work, has been completed in accordance with the Contract Drawings and Specifications and the requirements of the Engineer, and certifying the date as of which it was so completed. The cost of such tests and inspections beyond those required by the Contract Drawings and Specifications will not be charged to the Contractor.

The rendition of the Certificate of Completion of Work shall not be construed to constitute an extension of the Contractor's time for performance in the event that he has failed to complete the Work in accordance with the terms of this Contract. Moveover, the acceptance of the Certificate of Completion of Work by the Authority shall not operate to release the Contractor or his sureties from any obligations under or upon this Contract or the Performance and Payment Bond.

CHAPTER V

WARRANTIES MADE AND LIABILITY ASSUMED BY THE CONTRACTOR

28. CONTRACTOR'S WARRANTIES.

Notwithstanding any representations or warranties of the Contractor contained in this numbered clause, the Contractor does not warrant that the permanent construction, when completed in accordance with the requirements of this Contract, will serve the purposes intended by the Authority or that the design of the permanent construction as so completed is adequate for the purposes of the Authority, except only to the extent, if any, otherwise expressly provided elsewhere in this Contract with respect to specific portions of the permanent construction. This paragraph, however, is not intended to relieve the Contractor of his obligation to install the permanent construction in accordance with the requirements of this Contract, but only to clarify a limitation on the Contractor's responsibility after completion of such installation in accordance with such requirements.

The Contractor represents and warrants:

(a) That he is financially solvent, that he is experienced in and competent to perform the type of services contemplated by this Contract, that the facts stated or shown in any papers submitted or referred to in connection with his Proposal are true, and, if the Contractor be a corporation, that it is authorized to perform this Contract;

(b) That he has carefully examined and analyzed the provisions and requirements of this Contract and inspected the construction site, that from his own investigations he has satisfied himself as to the nature of all things needed for the performance of this Contract, the general and local conditions, and all other matters which in any way affect this Contract or its performance, and that the time available to him for such examination, analysis, inspection and investigations was adequate;

(c) That the Contract is feasible of performance in accordance with all its provisions and requirements and that he can and will perform it in strict accordance with such provisions and requirements;

(d) That no Commissioner, officer, agent, employee, consultant or contractor is personally interested directly or indirectly in this Contract or the compensation to be paid hereunder; and

(e) That, except only for those representations, statements or promises expressly contained in this Contract, no representation, statement or promise, oral or in writing, of any kind whatsoever by the Authority, its Commissioners, officers, agents, employees or consultants has induced the Contractor to enter into this Contract or has been relied upon by the Contractor, including any with reference to: (i) the meaning,

correctness, suitability, or completeness of any provisions or requirements of this Contract; (2) the nature, existence or location of materials, structures, obstructions, utilities or conditions, surface or subsurface, which may be encountered at the construction site; (3) the nature, quantity, quality or size of the materials, equipment, labor and other facilities needed for the performance of this Contract; (4) the general or local conditions which may in any way affect this Contract or its performance; or (5) the price or the Contract; or (6) any other matters, whether similar to or different from those referred to in (1) through (5) immediately above, affecting or having any connection with this Contract, the bidding thereon, any discussions thereof, the performance thereof or those employed therein or connected or concerned therewith.

Moreover, the Contractor accepts the conditions at the construction site as they may eventually be found to exist and warrants and represents that he can and will perform the Contract under such conditions and that all materials, equipment, labor and other facilities required because of any unforeseen conditions (physical or otherwise) shall be wholly at his own cost and expense, anything in this Contract to the contrary notwithstanding.

Nothing in the Contract Drawings or Specifications or any other part of the Contract is intended as or shall constitute a representation by the Authority as to the feasibility of performance of this Contract or any part thereof. Moreover, the Authority does not warrant or represent either by issuance of the Contract Drawings and Specifications or by any provision of this Contract as to time for performance or completion or otherwise that the Contract may be performed or completed by the times required herein or by any other times.

The Contractor recognizes that in view of the magnitude and complexity of this Contract and the Sale and Work to be performed hereunder, negotiations, meetings, discussions, and communications between his representatives and those of the Authority were desirable to allow free and complete discussion of the Contract and the Sale and Work to be performed thereunder and that the disclaimers contained in this Contract as to representations, statements, or promises could not specifically identify every statement made in the course of such negotiations, meetings, discussions and communications which was not intended as a representation or promise or as a part of the Contract. The Contractor nevertheless affirms and agrees and represents and warrants that only the statements, representations and promises expressly contained in this Contract have been relied upon by him and have induced him to enter into this Contract.

The Contractor further represents and warrants that he was given ample opportunity and time and by means of this paragraph was requested by the Authority, to review thoroughly all documents forming this Contract prior to opening of Proposals on this Contract in order that he might request

inclusion in this Contract of any statement, representation, promise or provision which he desired or on which he wished to place reliance; that he did so review said documents; that either every such statement, representation, promise or provision has been included in this Contract or else, if omitted, that he expressly relinquishes the benefit of any such omitted statement, representation, promise or provision and is willing to perform this Contract without claiming reliance thereon or making any other claim on account of such omission.

The Contractor further recognizes that the provisions of this numbered clause (though not only such provisions) are essential to the Authority's consent to enter into this Contract and that without such provisions, the Authority would not have entered into this Contract.

29. WAIVER OF ADMIRALTY RIGHTS

The provisions of this numbered clause shall not be impaired by any rights the Contractor might otherwise have to limitation or apportionment of damages under the law of admiralty or to limitation of liability under 33 U.S.C.A. Chapter 9 (Protection of Navigable Waters and of Harbor and River Improvements), 46 U.S.C.A. Chapter 8 (Limitation of Vessel Owner's Liability), and any other similar statutes, and as between the Contractor and the Authority, the Contractor hereby waives any such rights. Moreover, the Contractor also waives any rights to limitation of liability under such law or statutes in connection with damage which may occur to property of the Authority arising out of or in connection with performance of the Contract whether the right to recover for such damage arises under this Contract or otherwise.

30. NO THIRD PARTY RIGHTS.

Nothing contained in this Contract is intended for the benefit of third persons, except to the extent that the Contract specifically provides otherwise by use of the words "benefit" or "direct right of action".

31. WAIVER BY CONTRACTOR, SUBCONTRACTORS AND OWNERS OF EQUIPMENT.

As between the Authority and the Contractor, the Contractor assumes the risk of loss or damage to his property occurring at any time prior to completion of removal of such property from the construction site or Authority premises or the vicinity thereof and the Contractor waives any rights he may have against the Authority for such loss or damage, said assumption of risk and waiver to be effective notwithstanding any negligence of the Authority, its Commissioners, officers, agents, employees, consultants or contractors. In addition, as a condition precedent to approval by the Authority of any subcontractor and before any subcontractor is permitted to bring equipment or other property to the construction site or Authority premises or the vicinity thereof, the Contractor shall procure an agreement by such subcontractor, for the benefit of the Authority, to the effect that the subcontractor assumes the risk of loss or damage to his property occurring at any time prior to completion or removal of such property from the construction site or Authority premises or the vicinity thereof and that he waives any rights he might have against the Authority for such loss or damage, said assumption of risk and waiver to be effective notwithstanding any negligence of the Authority, its Commissioners, officers, agents, employees, consultants or contractors. The Contractor shall procure the same agreement from any other owners of equipment which may be used in the performance of the Contract, including equipment rented by the Contractor as agent for the Authority, and in the event of failure to obtain any such agreement from a subcontractor or others as required herein, the Contractor shall indemnify the Authority for any loss or liability it may be subjected to on account of such failure. The Contractor's risk and his indemnity obligation under this clause are not covered by any insurance procured by the Authority.

The foregoing waivers shall also be for the benefit of the Commissioners, officers, agents, employees, consultants and contractors of the Authority, so that they shall have all the rights which they would have under this numbered clause if they were named at each place above at which the Authority is named, except however, that the Authority may at any time in its sole discretion and without liability on its part cancel the benefit conferred on them by this numbered clause whether or not the occasion for invoking such waiver has arisen at the tiem of such cancellation.

32. RIGHTS OF THE CITY OF NEW YORK AND THE TRANSIT AUTHORITY.

The Contractor assumes the risk of loss or damage to surface and subsurface utilities, structures and other installations of the City of New York and the New York City Transit Authority and other property (whether similar to or different from such utilities, structures and other installations) of said City and Transit Authority arising out of or in connection with the performance of the Contract or out of or in connection with the Contractor's operations to the extent that such performance or operations are at or in the vicinity of the construction site, whether such risk arises from acts or omissions (whether negligent or not) of the Contractor, of the Authority, of The City of New York, of the New York City Transit Authority or of other third persons, or from any other clause, and whether such risk is within or beyond the control of the Contractor, excepting only such risk as arises solely from affirmative acts done by the Authority or The City of New York or the Transit Authority subsequent to the receipt of Proposals on this Contract with actual and wilful intent to cause such loss or damage.

Such loss and damage include those sustained at any time, both before and after the rendition of the Certificate of Completion of Sale or the Certificate of Completion of Work. The Contractor shall indemnify The City of New York and the Transit Authority against all such loss and damage and it shall not be a defense to the Contractor that the Authority is not legally obligated to indemnify said governmental authorities against such claims.

Neither the issuance of a Certificate of Completion nor the making of Final Payment shall release the Contractor from his obligations under this numbered clause. The enumeration elsewhere in this Contract of particular risks assumed by the Contractor or of particular claims for which he is responsible shall not be deemed to limit the effect of the provisions of this numbered clause or to imply that he assumes or is responsible for only risks or claims of the type enumerated; and neither the enumeration in this numbered clause nor the enumeration elsewhere in this Contract of particular risks assumed by the Contractor or of particular claims for which he is responsible shall be deemed to limit the risks which the Contractor would assume or the claims for which he would be responsible in the absence of such enumerations.

The City of New York and the Transit Authority shall have a direct right of action against the Contractor to enforce the foregoing indemnity, except, however, that the Authority may at any time in its sole discretion and without liability on its part cancel the benefit on them by this numbered clause, whether or not the occasion for invoking such benefit has already arisen at the time of such cancellation.

The obligations of the Contractor under this numbered clause are within the coverage of the liability insurance policy procured by the Authority referred to elsewhere in this Contract, subject to the limits of said policy and to all the terms of said policy.

33. RISKS OF MATERIALS AND WORK ASSUMED BY THE CONTRACTOR

The Contractor assumes the risk of loss or damage to (1) the Materials sold hereunder prior to their delivery at the construction site; (2) the Materials furnished by the Authority to the Contractor (whether or not sold by the Contractor to the Authority under this Contract) from the time of their delivery to the construction site until their incorporation in the permanent construction (even though a Certificate of Completion or Sale has been issued); and (3) the permanent construction occurring prior to the rendition of the Certificate of Completion of Work (other than loss or damage to the portions of the permanent construction with respect to which Certificates of Partial Completion have been issued) whether such risk arises from acts or omissions (whether negligent or not) of the Contractor, of the Authority or of third persons, or from any other cause, and whether such risk is within or beyond the control of the Contractor, excepting only a risk which arises solely from affirmative acts done by the Authority subsequent to the opening of Proposals on this Contract with actual and wilful intent to cause such loss or damage. The Contractor shall forthwith repair, replace and make good any such loss or damage to the Materials and the permanent construction without cost to the Authority.

The enumeration elsewhere in this Contract of particular risks assumed by the Contractor shall not be deemed to limit the effect of the provisions of this numbered clause or to imply that he assumes only risks of the type enumerated; and neither the enumeration in this numbered clause nor the enumeration elsewhere in this Contract of particular risks assumed by the Contractor shall be deemed to limit the risks which the Contractor would assume in the absence of such enumerations.

34. INSURANCE PROCURED BY AUTHORITY.

In order to reduce the cost of the project of which this Contract forms a part, the Authority has procured and will maintain in force and pay the premiums on:

1. A policy of general liability ("premises-operations hazard", "products - completed operations hazard" and "contractual") insurance on which the Contractor and the subcontractors will be insureds, issued by American Home Assurance Company entitled "The World Trade Center - Hudson Tubes Construction Project" and numbered CGB 448 209, including all endorsements issued thereto. Said policy is on file and available for examination in the office of the Insurance Manager of the Authority, Room 1005, 111 Eighth Avenue, at 15th Street, New York City.

2. A policy of workmen's compensation and employer's liability to be issued by the New York State Insurance Fund fulfilling the Contractor's and the subcontractors' obligations under the New York State Workmen's Compensation Law for those employees of the Contractor and the subcontractors employed pursuant to this Contract in operations conducted at or from the site of the Work hereunder, except, however, that such policy of

Workmen's Compensation Insurance will not cover any employees who are provided to be covered by a group compensation plan in accordance with an agreement between the Electrical Contractor's Association and Local Union No. 3 (International Brotherhood of Electrical Workers), and the Authority will not pay the premiums of Workmen's Compensation Insurance for such employees, nor will it reimburse the Contractor or subcontractor for such premiums. The Workmen's Compensation Insurance premiums covering such electrical employees must therefore be included in the prices of the Contractor.

3. A policy of builders' risk and all risk insurance on which the Contractor and the subcontractors will be insureds, issued by the Employers' Liability Assurance Corporation Ltd., numbered E16-8071-013, including all endorsements issued thereto. Said policy is on file and available for examination in the Office of the Insurance Manager of the Authority, Room 1005, 111 Eighth Avenue, at 15th Street, New York City.

The Contractor and subcontractors shall comply with all obligations of the Insured under or in connection with said policies.

The Authority shall have the right at its option to procure insurance substituting in whole or in part for that above referred to and to require that the Contractor and the subcontractors obtain themselves insurance substituting in whole or in part for that above referred to, provided always, however, that the Contractor and the subcontractors shall be afforded coverage equivalent to that above referred to and that the Authority shall either pay the premiums on such substitute insurance or reimburse the Contractor and the subcontractors therefor.

However, neither the procurement of the above insurance or any substitute insurance nor the extent of coverage or the limits of liability thereunder shall be construed to be a limitation on the nature or extent of the Contractor's obligations, or to relieve the Contractor of any such obligations, and the procurement of the above insurance is only for the purpose of reducing the cost of the Contract without constituting any representation by the Authority as to the adequacy of the insurance to protect the Contractor against the obligations imposed on him by law (except the New York State Workmen's Compensation Law) or by this or any other Contract.

Notwithstanding any provision of this clause, however, no subcontractor shall be or have the right to be covered under the policies of insurance above referred to until he has been expressly approved in writing by the Engineer, as required under this Contract, and such approval may be withheld until, among other conditions, the subcontractor executes agreements affirming his obligations provided in this clause with respect to the above insurance.

The provisions of this numbered clause are not intended to create any rights in the Contractor other than rights which may be available to him under said policies themselves, whatever such rights may be. Moreover, the Authority makes no representation or guaranty, either by the provisions

of this numbered clause or otherwise, as to the effect of or the coverage under said policies, and no employee or agent of the Authority is authorized to make any such representation or guaranty or to offer any interpretation of or information on said policies. The Contractor warrants and represents that he has examined and is familiar with said policies and that in submitting his Proposal he has relied solely on his own examination and interpretation of said policies and not on any representations or statements, oral or written of the Authority, its Commissioners, officers, agents, employees, consultants or contractors.

All negotiations and adjustments with the insurer concerning payment for any loss, risk of which is borne by the Contractor under this Contract shall be the responsibility of and shall be conducted by the Contractor. The Contractor shall, however, inform the Engineer of the progress of all such negotiations and notify him sufficiently in advance of all meetings thereon so that he or his representatives may attend said negotiations if they so desire.

The Contractor and any subcontractor shall cooperate to the fullest extent with the Authority in all matters relating to the aforementioned insurance and shall comply with all requirements of any insurance policy procured by the Authority. They shall also at their own expense furnish the Engineer or his duly authorized representative with copies of all payrolls, correspondence, papers, records and other things necessary or convenient for dealing with or defending against any claims and for procuring or administering the aforementioned insurance including furnishing the time of any of their employees, officers, or agents whose presence or testimony is necessary or convenient in any negotiations or proceedings involving such insurance.

The Authority shall be entitled to all returned premiums, dividends and credits which may become payable at any time for any reason whatsoever in connection with the aforementioned insurance. The Contractor hereby assigns to the Authority all such returned premiums, dividends, and credits and any subcontractors shall be deemed to have assigned to the Authority all such returned premiums, dividends and credits by becoming subcontractors under this Contract. The Contractor shall execute and cause the subcontractors to execute any instrument necessary or convenient to evidence the Authority's right to such returned premiums, dividends and credits.

Notwithstanding any payment by the Authority of any insurance premiums, the Authority shall not be deemed the employer of any employees hired by the Contractor or any subcontractor covered by such insurance nor shall it be liable for any of the obligations of such employer.

Payment under said policies for any loss of which the Contractor bears the risk under this Contract shall be made to the Contractor, and any other payments under these policies shall be made to the Authority, except, however, that the Authority may, at its option and with or without cause, elect to take any payment under said policies for a loss to any of

its property or for a loss to any Materials, equipment, Work or other things title to which has passed or would pass to the Authority under this Contract, and if such option is exercised such payment shall be credited against the Contractor's obligation under this Contract with respect to said loss. In any event, any payment to the Contractor under said policies for a loss to any of the Authority's property or for a loss to any Materials, equipment, Work or other things title to which has passed or would pass to the Authority under this Contract shall be held in trust by the Contractor for the benefit of the Authority and shall be applied only to making good said loss or to payment to the Authority as provided below. Such payment to the Contractor shall be held as a separate fund and not mingled with any other funds of the Contractor or any other persons.

If any payment under said policies for any loss whatsoever exceeds the cost of making good said loss, such excess shall be the property of the Authority and if received by the Contractor shall be payable to the Authority upon demand. The Authority shall not, however, be obligated to pay the Contractor the deficiency, if any, between the payment under said policies for any loss whatsoever and the cost of making good said loss. As used herein, "the cost of making good said loss" or words of similar import shall mean the amount which would be paid by the Authority under the clause hereof entitled "Compensation for Extras" if making good said loss were Extra Materials and Extra Work hereunder.

CHAPTER VI

RIGHTS AND REMEDIES

35. RIGHTS AND REMEDIES OF AUTHORITY.

The Authority shall have the following rights in the event the Director shall deem the Contractor guilty of a breach of any term whatsoever of this Contract:

(a) The right to take over and complete the performance of the Contract or any part thereof as agent for and at the expense of the Contractor, either directly or through other contractors.

(b) The right to cancel this Contract as to any or all of the portion yet to be performed.

(c) The right to specific performance, an injunction or any other appropriate remedy.

(d) The right to money damages.

For the purpose of this Contract, breach shall include the following, whether or not the time has yet arrived for performance of an obligation under this Contract: a statement by the Contractor to any representative of the Authority indicating that he cannot or will not perform any one or more of his obligations under this Contract; any act or omission of the Contractor or any other occurrence which makes it improbable at the time that he will be able to perform any one or more of his obligations under this Contract; any suspension of performance of, or absence of progress on, any part of the Contract by the Contractor which makes it improbable at the time that he will be able to perform any one or more of his obligations under this Contract.

The Authority shall also have the rights set forth above in the event the Contractor shall become insolvent or bankrupt or if his affairs are placed in the hands of a receiver, trustee or assignee for the benefit of creditors.

The enumeration in this numbered clause or elsewhere in this Contract of specific rights and remedies of the Authority shall not be deemed to limit any other rights or remedies which the Authority would have in the absence of such enumeration; and no exercise by the Authority of any right or remedy shall operate as a waiver of any other of its rights or remedies not inconsistent therewith or to estop it from exercising such other rights or remedies.

36. RIGHTS AND REMEDIES OF CONTRACTOR.

Inasmuch as the Contractor can be adequately compensated by money damages for any breach (including a material breach) of this Contract which may be committed by the Authority, the Contractor expressly agrees that no default, act or omission of the Authority shall entitle him to cancel or rescind it or (unless the Engineer shall so direct) to suspend or abandon performance.

37. PERFORMANCE OF CONTRACT AS AGENT FOR CONTRACTOR.

In the exercise of its right to take over and complete the Contract as agent for the Contractor, for which provision is made in the clause hereof entitled "Rights and Remedies of Authority", The Authority shall have the right to take possession of and use or permit the use of any and all plant, materials, equipment and other facilities provided by the Contractor for the purpose of the Contract and the Contractor shall not remove any of the same from the construction site without express permission. Unless expressly directed to discontinue the performance of the entire Contract, the Contractor shall continue to perform the remainder thereof in such manner as in no way will hinder or interfere with the portions taken over by the Authority.

In the certificate of total compensation earned for the Sale or for the Work, as the case may be, the Engineer shall separately state the portion of the Sale or the Work performed by the Authority as agent for the Contractor, shall credit to the Authority the cost thereof, and shall credit to the Contractor the compensation earned thereby; and the difference between them shall be payable by the Contractor to the Authority, or vice versa, as the case may be. If such difference is in its favor, the Authority may deduct it from any moneys due the Contractor, and if such moneys be insufficient, the balance thereof shall be payable to it on demand; if in the Contractor's favor, it shall constitute part of the Final Payment for the Sale or for the Work, as the case may be.

The exercise by the Authority of its right to take over the Contract shall not release the Contractor or his sureties from any of his or their obligations or liabilities under this Contract or the Performance and Payment Bond.

38. NO ESTOPPEL OR WAIVER.

The Authority shall not be precluded or estopped by any acceptance, certificate or payment, final or otherwise, issued or made under this Contract or otherwise issued or made by it, the Engineer, or any officer, agent, employee, consultant or contractor of the Authority, from showing at any time the true amount and character of Materials furnished or Work performed, or from showing that any such acceptance, certificate or payment is incorrect or was improperly issued or made; and the Authority shall not be precluded or estopped, notwithstanding any such acceptance, certificate or payment, from recovering from the Contractor any damages which it may sustain by reason of any failure on his part to comply strictly with this Contract, and any moneys which may be paid to him or for his account in excess of those to which he is lawfully entitled.

Neither the acceptance of the Contract or any part thereof, nor any payment therefor, nor any order or certificate issued under this Contract or otherwise issued by the Authority, the Engineer, or any officer, agent, employee, consultant or contractor of the Authority, nor any permission or direction to continue with the performance of the Contract, nor any performance by the Authority of any of the Contractor's duties or obligations, nor any aid lent to the Contractor by the Authority in his performance of such duties or obligations, nor any other thing done or omitted to be done by the Authority, its Commissioners, officers, agents, employees, consultants or contractors shall be deemed to be a waiver of any provision of this Contract or of any rights or remedies to which the Authority may be entitled because of any breach thereof, excepting only a resolution of its Commissioners providing expressly for such waiver. No cancellation, rescission or annulment hereof, in whole or as to any part of the Contract, because of any breach hereof, shall be deemed a waiver of any money damages to which the Authority may be entitled because of such breach. Moreover, no waiver by the Authority of any breach of this Contract shall be deemed to be a waiver of any other or any subsequent breach.

CHAPTER VII

MISCELLANEOUS

39. SUBMISSION TO JURISDICTION.

The Contractor hereby irrevocably submits himself to the jurisdiction of the Courts of the State of New York and to the jurisdiction of the Courts of the State of New Jersey in regard to any controversy arising out of, connected with, or in any way concerning the Proposal or this Contract. The Contractor agrees that service of process on the Contractor in relation to such jurisdiction may be made, at the option of the Authority, either by registered or certified mail addressed to the applicable office as provided for in the clause hereof entitled "Service of Notices on the Contractor", by registered or certified mail addressed to any office actually maintained by the Contractor or by actual personal delivery to the Contractor if the Contractor be an individual, to any partner if the Contractor be a partnership or to an officer, director or managing or general agent if the Contractor be a corporation.

Such service shall be deemed to be sufficient when jurisdiction would not lie because of the lack of basis to serve process in the manner otherwise provided by law. In any case, however, process may be served as stated above whether or not it might otherwise have been served in a different manner.

40. PROVISIONS OF LAW DEEMED INSERTED.

Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and the Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party, the Contract shall forthwith be physically amended to make such insertion.

41. INVALID CLAUSES.

If any provision of this Contract shall be such as to destroy its mutuality or to render it invalid or illegal, then, if it shall not appear to have been so material that without it the Contract would not have been made by the parties, it shall not be deemed to form part thereof but the balance of the Contract shall remain in full force and effect.

42. NON-LIABILITY OF THE AUTHORITY REPRESENTATIVES.

Neither the Commissioners of the Authority nor any officer, agent, or employee thereof shall be charged personally by the Contractor with any liability or held liable to him under any term or provision of this Contract, or because of its execution or attempted execution, or because of any breach hereof.

43. SERVICE OF NOTICES ON THE CONTRACTOR.

Whenever provision is made in this Contract for the giving of any notice to the Contractor, its deposit in any post office or post office box, enclosed in a postpaid wrapper addressed to the Contractor at his office, or its delivery to his office, shall be sufficient service thereof as of the date of such deposit or delivery, except to the extent, if any, otherwise provided in the clause entitled "Submission to Jurisdiction". Until further notice to the Authority, the Contractor's office will be that stated in his Proposal. Notices may also be served personally upon the Contractor; or if the Contractor be a partnership, upon any partner; or if a corporation, upon any officer, director, or managing or general agent.

44. MODIFICATION OF CONTRACT.

No change in or modification, termination or discharge of this Contract, in any form whatsoever, shall be valid or enforceable unless it is in writing and signed by the party to be charged therewith or his duly authorized representative, provided, however, that any change in or modification, termination or discharge of this Contract expressly provided for in this Contract shall be effective as so provided.

The authority of any person to order Extra Materials and Extra Work or to alter the Contract Drawings and Specifications does not include the power to cancel, modify or waive any provisions of the Form of Contract, and no officer or other representative of the Authority shall have the power so to do unless and until hereafter so authorized by or pursuant to a resolution of the Commissioners of the Authority or by or pursuant to a resolution of their appropriate Committee.

CONTRACT WTC-113.00

PERFORMANCE AND PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS that we, the undersigned (*) as principal; and (/)

(*) Insert Contractor's name. If a corporation, give the state of incorporation, using also the phrase "a corporation organized under the laws of ..... ".

If a partnership, give full names of partners, using the phrase "co-partners doing business under the firm name of.....".

If an individual using a trade name, give individual name, using also the phrase "an individual doing business under the trade name of ".

(/) Insert name of surety or sureties. If space is insufficient, add rider.

as sureties, are hereby held and firmly bound unto The Port of New York Authority in the penal sum of

.....

.. ..Dollars

and.....Cents ($.....), for the payment of which, well and truly to be made, we hereby jointly and severally bind outselves, our heirs, representatives, executors, administrators, successors and assigns. Each surety, however, if there is more than one, shall be jointly and severally liable for said penal sum.

Signed, this .....day of....., 196

/

The condition of the above obligation is that

WHEREAS, the above named principal has entered into a Contract in writing with The Port of New York Authority, a copy of which is hereby made a part of this bond as though herein set forth in full and which is designated Contract WTC-113.00 "The World Trade Center - Spray on Fireproofing - North and South Towers", and

WHEREAS, The Port of New York Authority has required this bond for the faithful performance of all obligations imposed by said Contract and also for the payment of all lawful claims of subcontractors, materialmen and workmen arising out of the performance of said Contract;

NOW, if the said principal shall well and faithfully do and perform the things agreed by him to be done and performed according to the terms and true intent and meaning of said Contract and if all lawful claims of subcontractors, materialmen and workmen arising out of the performance of said Contract are paid, then this obligation shall be void, otherwise the same shall remain in full force and effect; it being expresly understood and agreed that, provided the sureties shall comply with the provisions hereof, the aggregate liability of all sureties for any and all claims hereunder shall in no event exceed the penal amount of this obligation as hereinbefore stated.

This undertaking is for the benefit of The Port of New York Authority and all subcontractors, materialmen and workmen having lawful claims arising out of the performance of said Contract, and all such subcontractors, materialmen and workmen (as well as The Port of New York Authority itself) shall have a direct right of action upon this bond; but the rights and equities of such subcontractors, materialmen and workmen shall be subject and subordinate to those of The Port of New York Authority.

The sureties, for value received, hereby stipulate and agree that the obligations of said sureties and their bond shall be in no way impaired or affected by any extensions of time, modification, omission, addition or change in or to the said Contract or the construction to be performed thereunder, or by any payment thereunder before the time required therein, or by any waiver of any provision or condition thereof (whether precedent or subsequent), or by any assignment, subletting or other transfer thereof or of any part thereof or of any construction to be performed or any moneys due or to become due thereunder; and said sureties do hereby waive notice of any and all of such extensions, modifications, omissions, additions, changes, payments, waivers, assignments, subcontracts and transfers, and hereby expressly stipulate and agree that any and all things done and omitted to be done by and in relation to assignees, subcontractors and other transferees shall have the same effect as to said sureties as though done by or in relation to said principal.

The sureties shall give the General Counsel of The Port of New York Authority the following notices:

(a) Written notice of an intent to pay any claim of a subcontractor, materialman or workman hereunder;

(b) Written notice within five days of the institution of an action by a subcontractor, materialman or workman hereunder.

The sureties shall not pay the claim of any subcontractor, materialman or workman hereunder until the expiration of thirty days after receipt by said General Counsel of notice under either subparagraph (a) or (b) above, describing the claim to be paid.

IN WITNESS WHEREOF, the principal and the sureties have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

.....
Principal

(Seal)

By (*).....

.....
Surety

By (/).....

APPROVED AS TO ACCEPTABILITY OF SURETIES:

.....
(Assistant to Treasurer)

....., 19

(*) If bond is signed by an officer or agent, give title; if signed by a corporation, affix corporate seal.
(/) Add signatures of additional sureties, if any.

ACKNOWLEDGMENT OF PRINCIPAL, IF A CORPORATION

State of.....,)
) SS.:
County of.....,)

On this.....day of....., 196 , before me personally came and appeared....., to me known, who being by me duly sworn, did depose and say that he resides at.....; that he is the.....of..... ....., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that one of the seals affixed to said instrument is such seal; that it was so affixed by order of the directors of said corporation; and that he signed his name thereto by like order.

(Seal) .....

ACKNOWLEDGMENT OF PRINCIPAL, IF A PARTNERSHIP

State of.....,)
) SS.:
County of.....,)

On this.....day of....., 196 , before me personally came and appeared....., to me known, and known to me to be one of the members of the firm of..... ..... described in and who executed the foregoing instrument and he acknowledged to me that he executed the same as and for the act and deed of said firm.

(Seal) .....

ACKNOWLEDGMENT OF PRINCIPAL, IF AN INDIVIDUAL

State of.....,)
) SS.:
County of.....,)

On this.....day of....., 196 , before me personally came and appeared..... to me known and known to me to be the person described in and who executed the foregoing instrument and he acknowledged to me that he executed the same.

(Seal) .....

AFFIX ACKNOWLEDGMENT AND JUSTIFICATION OF SURETY

SPECIFICATIONS

CHAPTER I

GENERAL PROVISIONS

1. CONSTRUCTION REQUIRED BY THE SPECIFICATIONS.

These Specifications relate generally to furnishing and applying spray-on fire proofing for North and South Towers at the construction site of The World Trade Center.

These Specifications require the doing of all things necessary or proper for or incidental to the matter referred to in the immediately preceding paragraph, as shown on the Contract Drawings in their present form. In addition, all things shown on the Contract Drawings even though not expressly mentioned in these Specifications, all things mentioned in these Specifications even though not shown on the Contract Drawings, and all things not specified either on the Contract Drawings or in the Specifications but involved in carrying out their intent and in the complete and proper execution of the matter referred to in the immediately preceding paragraph are required by these Specifications; and the Contractor shall perform the same as though they were specifically delineated, described and mentioned.

In the event that any requirements of the Specifications conflict with the requirements of the Contract Drawings, the requirements of the Specifications shall prevail.

The following listings under headings A and B are furnished for the general information of the Contractor.

A. CERTAIN ITEMS OF SALE AND WORK REQUIRED BY CONTRACT DRAWINGS AND SPECIFICATIONS IN THEIR PRESENT FORM.

1. The Contractor shall furnish and apply all spray-on fireproofing occurring throughout the North and South Towers, from Elevation 310' to and including the penthouse above the 110th floor, including but not limited to the following:

   a) All structural steel (e.g.: columns, beams, girders, bracing, stiffeners, Lally-type columns, steel pipe posts, structural steel connections, column splice plates, beam seats, clip angles, steel bar joist trusses, all trusses between exterior and core perimeter, and steel bar joist truss-type bridging) with the exception only of the following four items:

      1. the structural steel required to receive spray-on fireproofing under Contract WTC-400.00;

      2. the structural steel specifically shown on the Contract Drawings to be fireproofed by others with masonry, gypsum plank, concrete or pneumatically applied mortar;

      3. damping units at end of truss members;

      4. the top chord of the steel bar joist trusses between columns 341 to 317 inclusive; 239 to 221 inclusive; 143 to 117 inclusive; and 439 to 421 inclusive.

   b) All telephone and power header ducts, which run completely around the perimeter of the core.

   c) All inner exposed surfaces of all elevator door bucks extending into the elevator shafts

   d) All other locations shown on the Contract Drawings to receive spray-on fireproofing.

2. The spray-on fireproofing applied to beams within elevator shafts by the Contractor shall withstand 2000 F.P.M. air velocity.

3. The Contractor shall completely wrap all damping units occurring at ends of truss members in four (4) mil thick polyethylene sheeting prior to the spray-on fireproofing of the truss construction to insure that no spray-on fireproofing is deposited upon such members. The Contractor shall remove the plastic wrapping upon completion of the Work in an area.

4. The Contractor shall clean up as the Work progresses when and as directed by the Engineer and as specified hereinafter.

5. The Contractor shall furnish sample panels of all spray-on fireproofing prior to the application of the spray-on materials.

The foregoing Section A, "Certain Items of Sale and Work required by Contract Drawings and Specifications in their Present Form" is not an exhaustive listing, either as to the Sale and Work as a whole or as to any one type of item mentioned, and does not outline the Sale and Work required by the Specifications and Contract Drawings nor is it intended to limit the effect of the second paragraph of this numbered clause. Accordingly, the provisions of Section A shall be construed as in aid of and supplemental to, but in no case limiting, impairing or decreasing, the requirements elsewhere set forth with respect to the Sale and Work to be performed.

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D. CERTAIN ITEMS EXCLUDED

1. The following items shall not be furnished and installed by the Contractor.

   a. Plastering on interior face of all peripheral columns above the 8th floor in Towers "A" and "B".

   b. Steel pipe scaffolding for work in main Concourse Lobby areas of Towers "A" and "B".

   c. Furring and lathing work.

   d. Corner beads, cornerite and striplathing.

   e. Cement parging, except as herein specified.

   f. Gypsum plank and wallboard work.

   g. Placement of lighting fixtures, troffers, and plaster frames.

h. Plastic light diffusers.

i. "Gunite" concrete fireproofing wherever shown and noted on the Contract Drawings (generally beams in Sub-Grade areas).

j. Spray-on fireproofing of all structural steel columns and spandrel plates forming an integral part of the exterior metal curtain wall construction, and the repair of such fireproofing.

k. Scaffolds and scaffolding for the use of the Contractor for metal lathing.

l. Concrete, gypsum plank and masonry fireproofing of structural steel.

m. Electric power and all necessary water and heat.

n. Testing for erosion of spray-on fireproofing shall be performed by the Authority.

o. The following drawings have been excluded. Work described pertains to peripheral conditions relating to fireproofing of steel. This work is to be performed by others under WTC-400.00

Drawing No.	Title	Revised
A-AB-304	Facade Elevations, Sections and Details at Typical Floor	7/8/68
A-AB-308	Facade Elevations and Sections at Base	7/8/68
A-AB-309	Facade Details at Base	7/8/68
A-AB-310	Facade Entrance Details	7/8/68
A-AB-312	Corner Details of Typical Floor	-
A-AB-313	Facade Elevations and Sections at 7th Floor M.E.R.	-
A-AB-314	Details of Facade and Louvers at 7th Floor M.E.R.	-
A-AB-315	Facade Elevations and Sections at 41st and 75th Floor M.E.R.	-

Drawing No.	Title	Revised
A-AB-316	Details of Facade and Louvers at 41st and 75th Floor M.E.R.	3/21/68
A-AB-317	Miscellaneous Mechanical Level Details	3/21/68
A-AB-318	Elevations and Sections at Crown	7/8/68
A-AB-319	Column Covers Contours at Crown	-
A-AB-320	Crown Details	4/22/68
A-AB-321	Corner Elevations and Plans of Typical Floor and Crown	4/22/68
A-AB-322	Corner Details of 7th - 41st and 75th Floor M.E.R.	-
A-AB-323	Corner Details at Crown	4/22/68

1A. SUBSTITUTION

Where a brand or make is specified or mentioned herein or called for or mentioned on the Contract Drawings and the phrases "similar and equal to" or "approved equal" are used in connection therewith, substitutions for the brands or makes specifically named may nevertheless be made only in accordance with the clause hereof entitled "Workmanship and Materials".

2. AVAILABLE PROPERTY

An area will be made available for the Contractor's construction personnel and tools and for unloading of his material and equipment.

Any additional property which the Contractor desires for his operations shall be obtained by him at his own expense.

The Contractor will be permitted to use only so much of the aforesaid areas as is necessary for the performance of the Contract, and he must at all times so conduct his operations as not to encroach upon or block the portions used by others. The Engineer may at any time make joint or exclusive assignments of particular portions thereof, either to the Contractor or to others, and may take over and use for other purposes any portions which, in the opinion of the Engineer, are not required for the performance of the Contract.

3. OPERATIONS OF OTHERS

During the time that the Contractor is performing the Contract, other persons will be engaged in other operations on or about the construction site including the construction of foundations, erection of steel, exterior skin, installations of mechanical and electrical systems, architectural and other construction activities required for the construction of The World Trade Center and continued pedestrian and vehicular traffic operations of the PATH tubes and various subway systems.

If directed by the Engineer the Contractor shall, without separate or additional compensation, make modifications in the layout as needed to prevent conflict with construction of other contractors, maintain required head-room and space conditions or for proper execution of the installation.

The Contractor shall so plan and conduct his operations as to work in harmony with others engaged at the construction site and not to delay, endanger or interfere with the operations of others (whether or not specifically mentioned above), all to the best interests of the General Contractor, the Authority and the public and as may be directed by the Engineer.

In this connection the Contractor shall resolve jurisdictional and other labor conflicts pertaining to the Contract.

4. COORDINATION

A. The Contractor shall work with the General Contractor in all respects including the following items:

1. Day to day job coordination with all other work.

2. Coordination of delivery and storage and handling of material, equipment and supplies at the site.

3. Coordination of the Contractor's CPM schedule with the overall project CPM schedule.

4. Coordination of the use of temporary hoisting facilities that will be provided by the Authority for use of all trades.

B. Any references and requirements throughout this Contract to a General Contractor however, are not intended to imply that the services of a General Contractor are being furnished for the benefit of this Contractor.

5. CONSTRUCTION SCHEDULING AND PROGRESS REPORTING - WORLD TRADE CENTER - CRITICAL PATH METHOD

A. Times for Completion

The times for the completion of the performance of all the Sale and Work shall be as specified in the clause of the Form of Contract entitled "Times for Completion," and nothing contained in this section shall, in any way whatsoever, limit, affect or impair the Contractor's obligation to complete the Contract in accordance with such requirements which shall be controlling.

However, the Contractor shall utilize the World Trade Center-Critical Path Method (herein referred to as WTC-CPM) as hereinafter specified to establish his Contract plans and schedules, report progress and facilitate the preparation of payment/cost data, and shall up-date the data and information provided as necessary to accurately reflect the current progress under the Contract and the status of the construction, and to facilitate payments under this Contract.

B. World Trade Center-Critical Path Method (WTC-CPM)

(1) WTC-CPM is a method of planning, scheduling, replanning and rescheduling, progress evaluation and preparing cost and payment reports to facilitate the performance by the Contractor of his obligations under the Contract and payment therefor.

(2) The basic elements of WTC-CPM are the network-diagram and its supporting coded data. Each network-diagram shall serve the purpose of a visual presentation of the sequence which the Contractor proposes to utilize in fulfilling his obligations under this Contract. To this end, the network-diagram(s) shall show graphically in their logical sequence each of the activities in the Contract necessary to complete the Contract.

(3) Each activity shall show its starting and ending events and the duration of the activity on the network-diagram. The numbers used to identify the starting and ending events shall be in accordance with the numbering system supplied by the Engineer.

(4) All interfaces (i.e., interdependencies and relationships with operations of other contractors and suppliers, subnetwork-diagrams under this Contract and network-diagrams of others) shall be shown. The information required to show such interfaces with operations of such others and other network-diagrams, shall be as furnished by the Authority.

(5) There shall be indicated such interim dates (other than dates specified for completion of all the obligations under the Contract in said clause entitled "Times for Completion") which are mutually agreed upon by the Contractor and the Engineer as fixed starting or completion dates for portions of the Contract.

(6) In the indication of activity duration, there shall be shown the work week length required to be utilized as well as the number of shifts per day.

(7) The foregoing information and related data will then be appropriately coded and processed, as set forth below, in order to produce the plan and schedule

of individual activity dates required to complete the Contract. There may also be produced appropriate payment and cost reports.

(8) The WTC-CPM further involves the updating of network-diagrams and their associated activity input forms in order to report actual progress and current status of the Contract and enables the automatic production of payment and cost information.

(9) The WTC-CPM, in addition to the foregoing basic network-diagrams supporting data and processed schedules and cost-payment information, further involves such modifications as may be required by change orders in the form of "extra work orders" or deleted work orders or other orders as elsewhere provided for in this Contract.

(10) All data submitted by the Contractor shall conform to the codings established by the Authority for the WTC-CPM system.

C. Procedure for Original Data and Modifications

(1) The Contractor shall prepare and furnish the Engineer network-diagram(s) in the form required by the Engineer and supply all the necessary data in connection therewith on form PA 2823 "World Trade Center-Initial/Change Data," (a copy of which is annexed hereto and hereby made a part hereof) as required by the Engineer, within thirty (30) days after acceptance of the Contractor's Proposal by the Authority. Such data shall include the allocation of dollar amounts and/or unit quantities (materials and/or labor, etc.) to each activity for the purpose of cost control and payment.

(2) The Engineer shall arrange for the processing of such data as has been submitted by the Contractor. Any errors in coding, omission or logic flow as can be detected by such processing will be submitted to the Contractor by the Engineer for correction. Such processing shall continue until the network-diagram(s) as indicated in the data submitted by the Contractor is approved by the Engineer. Such approval shall be based upon the consideration of compliance with the date(s) for completion and other requirements of the Contract. The allocation of dollar amounts shall be so proportioned as to be realistic and consistent with the respective weights applicable to the various activities included within the Contract, as approved by the Engineer, in addition to being consistent with the total payments otherwise provided for in the Contract. The time for providing and entering and processing such cost information and the allocation thereof may be delayed (a) by the Engineer, or (b) upon request by the Contractor, only in the event that written permission therefor is secured in advance from the Engineer, but this shall not modify other provisions pertaining to payments provided elsewhere in the Contract.

(3) After the Engineer has arranged for processing such data and based thereon a Plan and Schedule showing all activities in the Contract by activity coding has been prepared and such Plan and Schedule is satisfactory to the Engineer, he will submit one copy thereof to the Contractor for his approval. In the event that the results of such processing as thus shown are not satisfactory to the Engineer, he shall indicate to the Contractor the problem areas and request the Contractor to propose such modifications and solutions as the Contractor deems appropriate which will permit fulfillment of the Contractor's obligations under the Contract. The Contractor shall comply with such request

promptly. In such event, after appropriate processing of such modifications, arranged by the Engineer, if the results of the processing are satisfactory to the Engineer, he shall submit the Plan and Schedule to the Contractor for his approval. Such procedure shall be followed as often as shall be necessary to provide a Plan and Schedule and a cost allocation, described below, which is acceptable to the Engineer.

(4) At such times as the Engineer requires the providing of cost information and data pertinent to the Contract, a similar procedure shall be utilized by the Contractor for furnishing the necessary data and by the Engineer for processing such data and submitting a "Payment/Cost Report" to the Contractor by activity.

(5) Variations in the procedure specified for "original," "current" and updated network-diagrams and input data shall not be made without the advance approval of the Engineer.

(6) The foregoing Plan and Schedule and Payment/Cost Report as so generated shall be known as the "Original" Plan and Schedule and the "Original" Payment/Cost Report.

(7) The Engineer will provide WTC-CPM technical assistance to the Contractor to facilitate the Contractor's submission and completion of the network diagram(s) and the "World Trade Center-Initial/Change Data" (Form PA 2823) referred to herein and the use of the codes required in the WTC-CPM system, without cost to the Contractor. Such technical assistance shall be limited to assistance in training Contractor personnel to properly prepare network-diagrams and complete the input data form(s) and interpret the output report(s) furnished by the Engineer. In order to facilitate the rendering of such technical assistance, within 5 days after acceptance of the Contractor's Proposal, the Contractor shall meet with the Engineer to discuss the development of the Contractor's network-diagram(s). The technical assistance and computer services shall not include Contractory payrolls or any other processing which the Contractor might require in order to transform his records into the formats and codings used in WTC-CPM system.

(8) Each resubmission of data as required herein shall be made promptly by the Contractor to the Engineer but not later than within (4) days of the request therefor. Further payments shall not be made under the Contract in the event that such request(s) is (are) not thus complied with and in a manner which reasonably accomplishes the objective of such request(s), until such time as the Contractor complies with such request(s).

(9) The Contractor shall be responsible for the preparation and accuracy of the forms and information supplies thereon which shall be submitted to the Engineer.

D. Distinction Between "Original", "Current" and "Updating"

(1) The reports generated as above described are the "Original" Plan and Schedule and "Original" Payment/Cost Report.

(2) Such "Original" Plan and Schedule and "Original" Payment/Cost Report will be continuously updated under the WTC - CPM system. Subsequent generation of a Plan and Schedule Report and a Payment/Cost Report will show the effect of the updating information as provided by the Contractor with respect to the "Original" Plan and Schedule and "Original" Payment/Cost Report.

(3) The foregoing updating of the "Original" Plan and Schedule and "Original" Payment/Cost Report is to be distinguished from changes to the "Original" Plan and Schedule and changes to the "Original" Payment/Cost Report. In the event of changes to such "Originals" the "Originals" will be superseded by the "Current" Plan and Schedule and "Current" Payment/Cost Report.

Furthermore, in the event that the Engineer approves a modification in schedule which affects the logical sequence of activities but not the cost allocation or amount of compensation payable to the Contractor and further does not violate any requirements of said clause entitled "Times for Completion," the same procedures provided above for generating the "Original" Plan and Schedule and Payment/Cost Report shall be followed to generate a "Current" Plan and Schedule and/or "Current" Payment/Cost Report.

(4) In every instance updating should only be made to the then existing "Current" Plan and Schedule and "Current" Payment/Cost Report (and not to the "Originals" thereof or pre-existing but superseded "Current" Plan and Schedule and Payment/Cost Reports).

(5) The submission of updating data by the Contractor with respect to any "Current" Plan and Schedule and "Current" Payment/Cost Report shall conform to the following:

(a) It shall be inclusive of all activities under the Contract which have prior to such updating or at the time thereof started and which have not been reported previously as completed, whether or not additional work has been performed since the last updating under the Contract.

(b) All such activities shall be updated and reported as of the same (one) date by the Contractor.

(c) All updating data shall be furnished by the Contractor on the form "World Trade Center-Updating Data" (PA form 2821) which is annexed hereto and hereby made a part hereof.

(6) All updating data submitted by the Contractor shall be based upon and supplied with reference to the "Current" Plan and Schedule. If the updating occurs simultaneously with the submission of a change, the updating information and data must refer to the Plan and Schedule as changed and not the original or superseded Plan and Schedule.

(7) In the utilization of PA form 2821 "World Trade Center-Updating Data" the Engineer will provide on such form identifying data from that previously submitted by the Contractor together with previously submitted updating data, if any, and the Contractor shall supply and enter on such form the data required to indicate the updated status. In the event that such updated data being thus supplied for the Contract is the same in whole or in part as that previously supplied as updating data by the Contractor (and is as shown on the form on the line entitled "Last Report" and there is no difference) such unchanged data should be re-entered on the form. In the event of a difference, the new data indicating the updated status should be entered.

(8) Only in the event that the Engineer does not provide PA form 2821 which shows identifying data and data from a previous "Last Report", should the Contractor prepare form 2821 on blank forms.

(9) In a manner analogous to the processing of original network diagram(s) and approvals thereof, similar procedure shall be used in order to assure the correctness and completeness of the updating data.

E. Number and Level of Detail of Activities in the Network Diagrams

(1) The number and level of detail of activities in a network-diagram shall be, in the opinion of the Engineer, sufficient to permit the proper functioning of the WTC-CPM system in all of its scheduling, progress monitoring, cost control and payment verification areas. Consequently, a typical activity of the network-diagrams shall at least indicate the activity description, the beginning and ending events of the activity, the logic and cost paths of the activity, the time duration, the work week and shift codes, the assigned cost and manpower and equipment allocation, the type activity codings, as well as other data as required by the Engineer in the PA Forms 2823 and 2821.

(2) The minimum level of detail of the activities, in the network-diagrams, shall conform to the following:

(a) Duration - 80% of the activities shall be no less than 3 days duration nor greater than 20 days duration. The remaining 20% shall be no less than 1 day nor more than 30 days duration.

(b) Manpower - 80% of the manned field activities shall be no less than a 3-man task nor gerater than a 20-man task. The remaining 20% shall be no less than a 1-man nor greater than a 40-man task.

Except that in the event that sub-paragraphs (a) and (b) above conflict, sub-paragraph (a) shall prevail and except that deviations will be made in sub-paragraphs (a) or (b) with the approval of the Engineer.

F. Updating and Coordination

(1) The reports generated by the WTC-CPM system shall be continuously reviewed and used as a working tool by the Contractor in meeting his obligations under the Contract.

(2) To facilitate the foregoing, meetings shall be held by the Contractor's general superintendent (or his designated representative, acceptable to the Engineer) which shall be attended by representatives of such subcontractors and suppliers as the Contractor may deem advisable and by the Engineer on a specified day of each week. The General Contractor may have representatives at such meetings whenever he shall deem appropriate. At such meetings, the WTC-CPM reports, progress, current status, proposed solutions for problem areas, and a review of the next week's schedules in order to meet the Contract's objectives shall be included in the agenda. Consideration shall be given to establishing actual start dates, actual completion dates, planned starts and finishes, quantities installed, man hours worked, as well as other data relevant to the performance of the Contract. The Engineer shall determine the need for additional updating, but in any event such updating shall be performed not less frequently than once every four weeks unless the Engineer dispenses with such requirement.

(3) To further maximize coordination between the Contractor and the Engineer, the Contractor shall furnish any other information requested by the Engineer for his progress evaluation of the performance under the Contract including but not limited to the following:

(a) manpower loading charts and equipment schedules;

(b) multiple shifts or overtime to maintain approved schedules.

C. Timely Completion

(1) If the Contractor has complied with the provisions of the clause entitled "Extensions of Time", and the Engineer should determine that the Contractor is entitled to an extension of time (subject to the provisions of the clause entitled "Extensions of Time") such an extension will be granted.

(2) The Contractor shall incorporate the time extension as so granted into the current WTC-CPM program and make such changes in the network and the data based thereon as may be required and obtain the approval of the Engineer thereof.

(3) Nothing contained herein and no programs, meetings, actions, approvals, orders, acquiescence or other things in connection with WTC-CPM shall limit, affect, or impair the Contractor's obligation to complete the various parts of construction in accordance with the requirements of said clause entitled "Times for Completion," and such requirements shall be controlling in all cases even though inconsistent with any provisions pertaining to WTC-CPM.

(4) No extensions of time for completion required by said clause entitled "Times for Completion," shall be inferred from anything done, said or performed pursuant to the provisions pertaining to WTC-CPM, and an extension of time for completion required by said clause entitled "Times for Completion" shall be due only as provided pursuant to the clause entitled "Extensions of Time."

(5) Nothing done pursuant to the provisions pertaining to WTC-CPM shall be construed as a request by the Contractor for an extension of the times for completion required by said clause entitled "Times for Completion," and such a request for extension of time shall be deemed made only if it complies with the requirements of the clause entitled "Extensions of Time."

(6) No programs, meetings, actions, approvals, statements, orders or other things in connection with WTC-CPM shall be deemed a representation by the Authority or the Engineer that the Contractor can or will be permitted to follow a particular schedule or sequence of operations or that by following the WTC-CPM system he can or will complete the performance of the Sale and Work by the times required by said clause entitled "Times for Completion."

(7) The performance of the Sale and Work by the times required by said clause entitled "Times for Completion" after taking into account extensions to which the Contractor may be entitled under the clause "Extensions of Time," may require the use by the Contractor of overtime labor, additional shifts or

additional plant and equipment and other measures. Such additional labor, shifts, plant and other measures shall be used by the Contractor without additional compensation and the use of the WTC-CPM is not intended to indicate that they are not necessary.

(8) The Engineer shall have the right at any time when in his judgment the construction is not proceeding at a sufficient rate to insure completion by the times required in said clause entitled "Times for Completion" after taking into account extensions to which the Contractor may be entitled under the clause "Extensions of Time" (even though proceeding in accordance with the approved WTC-CPM), to order the Contractor to increase the number of men employed, to use additional plant or equipment, or to take such other reasonable steps as may be necessary or required to assure the completion of the various operations within the times required by said clause entitled "Times for Completion."

* * *

In order to facilitate payments under this Contract and planning and scheduling of the furnishing of Materials and performance of the work during the period prior to the approval by the Engineer of the network diagram(s) referred to in paragraph C (2) above, within 10 days after acceptance of the Proposal the Contractor shall furnish the Engineer interim network diagram(s) in the form contemplated by the foregoing provisions of this clause but covering only the 100 day period following acceptance of the Contractor's Proposal. The interim network diagram(s) will not be approved by the Engineer and will only be utilized by him for purposes of payment and supervision of planning if, in his opinion, they are realistic.

6. CONTRACT DRAWINGS

A. The Contract Drawings which accompany and form a part of these Specifications bear the general title "The World Trade Center - The Port of New York Authority - Tower A" are dated 7/31/67, and are separately numbered and titled as follows:

Drawing No.	Title	Revised
A-A-1	Schedule of Drawings - Architectural	3/18/68
A-A-2	Schedule of Drawings - Structural	4/22/68
A-A-3	Schedule of Drawings - Mechanical	6/28/68
A-A-4	Finish Schedule - Zone - Sub-7	11/1/68
A-A-5	Finish Schedule - Zone - I-II-III	11/1/68
A-A-19	First Floor Plan - Concourse Level	11/1/68
A-A-20	First Floor Core Plan Concourse Level	8/1/68
A-A-20A	First Floor Intermediate Level at Elev. (+19'-0")	4/22/68
A-A-21	2nd Floor Plan - Plaza Level	4/22/68
A-A-22	2nd Floor Core Plan - Plaza Level	8/1/68
A-A-23	3rd Floor Plan	4/22/68
A-A-24	3rd Floor Core Plan	8/1/68
A-A-25	4th Floor Plan	4/22/68
A-A-26	4th Floor Core Plan	8/1/68
A-A-27	5th Floor Plan	4/22/68
A-A-28	5th Floor Core Plan	8/1/68
A-A-29	6th Floor Plan	4/22/68
A-A-30	6th Floor Core Plan	8/1/68
A-A-31	7th Floor Plan M.E.R.	11/1/68
A-A-32	7th Floor Core Plan M.E.R.	11/1/68
A-A-33	8th Floor Plan M.E.R.	11/1/68
A-A-34	8th Floor Core Plan M.E.R.	11/1/68
A-A-37	9th to 16th Floor Plan	11/1/68
A-A-38	9th and 10th Floor Plan	11/1/68
A-A-39	11th to 16th Floor Core Plan	11/1/68
A-A-40	17th and 18th Floor Plan	11/1/68
A-A-41	17th Floor Core Plan	11/1/68
A-A-42	18th Floor Core Plan	11/1/68
A-A-43	19th to 23rd Floor Plan	2/9/68
A-A-44	19th Floor Core Plan	8/1/68
A-A-45	20th to 23rd Floor Core Plan	8/1/68
A-A-46	24th Floor Plan	2/9/68
A-A-47	24th Floor Core Plan	11/1/68
A-A-48	25th and 26th Floor Plan	6/28/68
A-A-49	25th Floor Core Plan	8/1/68
A-A-50	26th Floor Core Plan	11/1/68
A-A-51	27th to 31st Floor Plan	2/9/68
A-A-52	27th to 31st Floor Core Plan	8/1/68
A-A-53	32nd Floor Plan	2/9/68
A-A-54	32nd Floor Core Plan	8/1/68
A-A-55	33rd and 34th Floor Plan	2/9/68
A-A-56	33rd Floor Core Plan	8/1/68
A-A-57	34th Floor Core Plan	11/1/68
A-A-58	35th to 40th Floor Plan	2/9/68
A-A-59	35th to 39th Floor Core Plan	8/1/68
A-A-60	40th Floor Core Plan	8/1/68
A-A-63	41st Floor Plan M.E.R.	3/18/68
A-A-64	41st Floor Core Plan M.E.R.	8/1/68
A-A-65	42nd Floor Plan M.E.R.	3/18/68

Drawing No.	Title	Revised
A-A-66	42nd Floor Core Plan M.E.R.	11/1/68
A-A-70	43rd Floor Plan	2/9/68
A-A-71	43rd Floor Core Plan	8/1/68
A-A-72	44th Floor Plan - Skylobby	2/9/68
A-A-73	44th Floor Core Plan - Skylobby	8/1/68
A-A-74	45th Floor Plan	3/18/68
A-A-75	45th Floor Core Plan	8/1/68
A-A-76	46th Floor Plan	2/9/68
A-A-77	46th Floor Core Plan	8/1/68
A-A-78	47th Floor Plan	2/9/68
A-A-79	47th Floor Core Plan	11/1/68
A-A-80	48th Floor Plan	2/9/68
A-A-81	48th Floor Core Plan	8/1/68
A-A-82	49th Floor Plan	2/9/68
A-A-83	49th Floor Core Plan	8/1/68
A-A-84	50th to 54th Floor Plan	11/1/68
A-A-85	50th to 54th Floor Core Plan	11/1/68
A-A-86	55th and 56th Floor Plan	2/9/68
A-A-87	55th Floor Core Plan	11/1/68
A-A-88	56th Floor Core Plan	11/1/68
A-A-89	57th And 58th Floor Plan	3/18/68
A-A-90	57th and 58th Floor Core Plan	8/1/68
A-A-91	59th Floor Plan	3/18/68
A-A-92	59th Floor Core Plan	8/1/68
A-A-93	60th Floor Plan	2/9/68
A-A-94	60th Floor Core Plan	8/1/68
A-A-95	61st Floor Plan	2/9/68
A-A-96	61st Floor Core Plan	8/1/68
A-A-97	62nd and 63rd Floor Plan	2/9/68
A-A-98	62nd Floor Core Plan	8/1/68
A-A-99	63rd Floor Core Plan	11/1/68
A-A-100	64th Floor Plan	2/9/68
A-A-101	64th Floor Core Plan	8/1/68
A-A-102	65th Floor Plan	2/9/68
A-A-103	65th Floor Core Plan	8/1/68
A-A-104	66th Floor Plan	2/9/68
A-A-105	66th Floor Core Plan	8/1/68
A-A-106	67th Floor Plan	2/9/68
A-A-107	67th Floor Core Plan	8/1/68
A-A-108	68th Floor Plan	2/9/68
A-A-109	68th Floor Core Plan	8/1/68
A-A-110	69th Floor Plan	2/9/68
A-A-111	69th Floor Core Plan	11/1/68
A-A-112	70th and 71st Floor Plan	2/9/68
A-A-113	70th and 71st Floor Core Plan	8/1/68
A-A-114	72nd and 73rd Floor Plan	2/9/68
A-A-115	72nd Floor Core Plan	8/1/68
A-A-116	73rd Floor Core Plan	8/1/68
A-A-117	74th Floor Plan	2/9/68
A-A-118	74th Floor Core Plan	8/1/68
A-A-121	75th Floor Plan M.E.R.	11/1/68
A-A-122	75th Floor Core Plan M.E.R.	11/1/68
A-A-123	76th Floor Plan M.E.R.	11/1/68
A-A-124	76th Floor Core Plan M.E.R.	11/1/68

Drawing No.	Title	Revised
A-A-127	Elevator Machine Room & Escalator Section - Escalator No. A-7 to A-10 - Elevator Nos. 69, 74 & 49	8/1/68
A-A-128	77th Floor Plan	6/28/68
A-A-129	77th Floor Core Plan	8/1/68
A-A-130	78th Floor Plan - Skylobby	6/28/68
A-A-131	78th Floor Core Plan- Skylobby	8/1/68
A-A-132	79th Floor Plan	2/9/68
A-A-133	79th Floor Core Plan	8/1/68
A-A-134	80th Floor Plan	2/9/68
A-A-135	80th Floor Core Plan	8/1/68
A-A-136	81st Floor Plan	3/18/68
A-A-137	81st Floor Core Plan	11/1/68
A-A-138	82nd Floor Plan	2/9/68
A-A-139	82nd Floor Core Plan	8/1/68
A-A-140	83rd Floor Plan	2/9/68
A-A-141	83rd Floor Core Plan	8/1/68
A-A-142	84th to 86th Floor Plan	2/9/68
A-A-143	84th to 86th Floor Core Plan	8/1/68
A-A-144	87th and 88th Floor Plan	2/9/68
A-A-145	87th Floor Core Plan	8/1/68
A-A-146	88th Floor Core Plan	11/1/68
A-A-147	89th to 93rd Floor Plan	11/1/68
A-A-148	89th to 93rd Floor Core Plan	11/1/68
A-A-149	94th and 95th Floor Plan	2/9/68
A-A-150	94th Floor Core Plan	11/1/68
A-A-151	95th Floor Core Plan	11/1/68
A-A-152	96th to 100th Floor Plan	11/1/68
A-A-153	96th to 100th Floor Core Plan	11/1/68
A-A-154	101st and 102nd Floor Plan	2/9/68
A-A-155	101st Floor Core Plan	11/1/68
A-A-156	102nd Floor Core Plan	11/1/68
A-A-157	103rd Floor Plan	2/9/68
A-A-158	103rd Floor Core Plan	11/1/68
A-A-159	104th Floor Plan	2/9/68
A-A-160	104th Floor Core Plan	8/1/68
A-A-161	105th Floor Plan	2/9/68
A-A-162	105th Floor Core Plan	8/1/68
A-A-163	106th Floor Plan	2/9/68
A-A-164	106th Floor Core Plan	11/1/68
A-A-165	107th Floor Plan - Restaurant	2/9/68
A-A-166	107th Floor Core Plan - Restaurant	11/1/68
A-A-169	108th Floor Plan - M.E.R.	-
A-A-170	108th Floor Core Plan - M.E.R.	11/1/68
A-A-171	109th Floor Plan - M.E.R.	11/1/68
A-A-172	109th Floor Core Plan - M.E.R.	11/1/68
A-A-173	110th Floor Plan	4/22/68
A-A-174	110th Floor Core Plan	11/1/68
A-A-176	Stair and Elevator Machine Room & Sections - Stair #1-2-3 - Elevator Machine Room - 108th & 110th Floors	11/1/68

Drawing No.	Title	Revised
A-AB-206	Typical Partition and Beam Fire-proofing Plan - Zone I	3/21/68
A-AB-207	Typical Partition and Beam Fire-proofing Plan - Zone II	2/9/68
A-AB-208	Typical Partition & Beam Fire-proofing Plan - Zone III	4/22/68
A-AB-209	Typical Partition & Beam Fire-proofing & Misc. Interior Details	3/21/68
A-AB-210	Typical Partition & Beam Fire-proofing & Misc. Interior Details	4/22/68
A-AB-211	Typical Partition & Beam Fire-proofing & Misc. Interior Details	6/28/68
A-AB-212	Typical Partition & Beam Fire-proofing & Misc. Interior Details	6/28/68

B. The Contract Drawings which accompany and form a part of these Specifications bear the general title "The World Trade Center - The Port of New York Authority - Tower B" and are dated 7/31/67 and are separately numbered and titled as follows:

Drawing No.	Title	Revised
A-B-21	FIRST FLOOR CORE PLAN CONCOURSE LEVEL ELEV. 310'-0"	8/1/68
A-B-21A	FIRST FLOOR INTERMEDIATE LEVEL PLAN AT ELEV. (+19' - 0")	5/1/68
A-B-22	2nd FLOOR PLAN PLAZA LEVEL ELEV. 332'	11/1/68
A-B-23	2nd FLOOR CORE PLAN - PLAZA LEVEL ELEV. 332'	8/1/68
A-B-24	3rd FLOOR PLAN	5/1/68
A-B-25	3rd FLOOR CORE PLAN	8/1/68
A-B-26	4th FLOOR PLAN	5/1/68
A-B-27	4th FLOOR CORE PLAN	8/1/68
A-B-28	5th FLOOR PLAN	5/1/68
A-B-29	5th FLOOR CORE PLAN	8/1/68
A-B-30	6th FLOOR PLAN	5/1/68
A-B-31	6th FLOOR CORE PLAN	8/1/68
A-B-32	7th FLOOR PLAN LOWER M.E.R.	11/1/68
A-B-33	7th FLOOR CORE PLAN LOWER M.E.R.	11/1/68
A-B-34	8th FLOOR PLAN UPPER M.E.R.	11/1/68
A-B-35	8th FLOOR CORE PLAN UPPER M.E.R.	11/1/68
A-B-38	9th FLOOR PLAN	3/1/68
A-B-39	9th FLOOR CORE PLAN	8/1/68
A-B-40	10th FLOOR PLAN	3/1/68
A-B-41	10th FLOOR CORE PLAN	8/1/68
A-B-42	11th FLOOR PLAN	3/1/68
A-B-43	11th FLOOR CORE PLAN	8/1/68

Drawing No.	Title	Revised
A-B-44	12th to 16th FLOOR PLAN	5/1/68
A-B-45	12th to 16th FLOOR CORE PLAN	8/1/68
A-B-46	17th & 18th FLOOR PLAN	5/1/68
A-B-47	17th FLOOR CORE PLAN	8/1/68
A-B-48	18th FLOOR CORE PLAN	11/1/68
A-B-49	19th to 23rd FLOOR PLAN	11/1/68
A-B-50	19th FLOOR CORE PLAN	8/1/68
A-B-51	20th to 23rd FLOOR CORE PLAN	11/1/68
A-B-52	24th FLOOR PLAN	3/1/68
A-B-53	24th FLOOR CORE PLAN	8/1/68
A-B-54	25th & 26th FLOOR PLAN	3/1/68
A-B-55	25th FLOOR CORE PLAN	8/1/68
A-B-56	26th FLOOR CORE PLAN	11/1/68
A-B-57	27th to 31st FLOOR PLAN	3/1/68
A-B-58	27th to 31st FLOOR CORE PLAN	8/1/68
A-B-59	32nd FLOOR PLAN	3/1/68
A-B-60	32nd FLOOR CORE PLAN	8/1/68
A-B-61	33rd & 34th FLOOR PLAN	3/1/68
A-B-62	33rd FLOOR CORE PLAN	8/1/68
A-B-63	34th FLOOR CORE PLAN	11/1/68
A-B-64	35th to 40th FLOOR PLAN	3/1/68
A-B-65	35th to 39th FLOOR CORE PLAN	8/1/68
A-B-66	40th FLOOR CORE PLAN	8/1/68
A-B-69	41st FLOOR PLAN M.E.R.	11/1/68
A-B-70	41st FLOOR CORE PLAN M.E.R.	11/1/68
A-B-71	42nd FLOOR PLAN M.E.R.	11/1/68
A-B-72	42nd FLOOR CORE PLAN M.E.R.	11/1/68

Drawing No.	Title	Revised
A-B-73	STAIR SECTIONS - STAIR #1	8/1/68
A-B-74	STAIR SECTIONS - STAIRS # 2 & #3	8/1/68
A-B-75	ESCALATOR SECTIONS - ESCALATORS B-3, B-4, B-5,B-6	11/1/68
A-B-76	43rd FLOOR PLAN	11/1/68
A-B-77	43rd FLOOR CORE PLAN	11/1/68
A-B-78	44th FLOOR PLAN	11/1/68
A-B-79	44th FLOOR CORE PLAN	11/1/68
A-B-80	45th FLOOR PLAN	11/1/68
A-B-81	45th FLOOR CORE PLAN	11/1/68
A-B-82	46th FLOOR PLAN	3/1/68
A-B-83	46th FLOOR CORE PLAN	8/1/68
A-B-84	47th FLOOR PLAN	3/1/68
A-B-85	47th FLOOR CORE PLAN	11/1/68
A-B-86	48th FLOOR PLAN	3/1/68
A-B-87	48th FLOOR CORE PLAN	8/1/68
A-B-88	49th FLOOR PLAN	3/1/68
A-B-89	49th FLOOR CORE PLAN	8/1/68
A-B-90	50th to 54th FLOOR PLAN	3/1/68
A-B-91	50th to 54th FLOOR CORE PLAN	8/1/68
A-B-92	55th to 56th FLOOR PLAN	3/1/68
A-B-93	55th FLOOR CORE PLAN	8/1/68
A-B-94	56th FLOOR CORE PLAN	11/1/68
A-B-95	57th & 58th FLOOR PLAN	3/1/68
A-B-96	57th & 58th FLOOR CORE PLAN	8/1/68
A-B-97	59th FLOOR PLAN	5/1/68
A-B-98	59th FLOOR CORE PLAN	8/1/68
A-B-99	60th FLOOR PLAN	5/1/68
A-B-100	60th FLOOR CORE PLAN	8/1/68
A-B-101	61st FLOOR PLAN	3/1/68

Drawing No.	Title	Revised
A-B-102	61st FLOOR CORE PLAN	8/1/68
A-B-103	62nd & 63rd FLOOR PLAN	3/1/68
A-B-104	62nd FLOOR CORE PLAN	8/1/68
A-B-105	63rd FLOOR CORE PLAN	11/1/68
A-B-106	64th FLOOR PLAN	3/1/68
A-B-107	64th FLOOR CORE PLAN	8/1/68
A-B-108	65th FLOOR PLAN	3/1/68
A-B-109	65th FLOOR CORE PLAN	8/1/68
A-B-110	66th FLOOR PLAN	3/1/68
A-B-111	66th FLOOR CORE PLAN	8/1/68
A-B-112	67th FLOOR PLAN	-8/1/68
A-B-113	67th FLOOR CORE PLAN	8/1/68
A-B-114	68th FLOOR PLAN	3/1/68
A-B-115	68th FLOOR CORE PLAN	8/1/68
A-B-116	69th FLOOR PLAN	3/1/68
A-B-117	69th FLOOR CORE PLAN	11/1/68
A-B-118	70th & 71st FLOOR PLAN	3/1/68
A-B-119	70th & 71st FLOOR CORE PLAN	8/1/68
A-B-120	72nd & 73rd FLOOR PLAN	3/1/68
A-B-121	72nd FLOOR CORE PLAN	8/1/68
A-B-122	73rd FLOOR CORE PLAN	8/1/68
A-B-123	74th FLOOR PLAN	3/1/68
A-B-124	74th FLOOR CORE PLAN	8/1/68
A-B-127	75th FLOOR PLAN M.E.R.	11/1/68
A-B-128	75th FLOOR CORE PLAN M.E.R.	11/1/68
A-B-129	76th FLOOR PLAN M.E.R.	11/1/68
A-B-130	76th FLOOR CORE PLAN M.E.R.	11/1/68
A-B-133	ESCALATOR & ELEV. MACHINE ROOM & ESCALATOR SECTIONS - ELEVATORS #69, 74,49 - ESCALATORS A-7 to A-10	11/1/68

Drawing No.	Title	Revised
A-B-134	77th FLOOR PLAN	11/1/68
A-B-135	77th FLOOR CORE PLAN	11/1/68
A-B-136	78th FLOOR PLAN	11/1/68
A-B-137	78th FLOOR CORE PLAN	11/1/68
A-B-138	79th FLOOR PLAN	11/1/68
A-B-139	79th FLOOR CORE PLAN	11/1/68
A-B-140	80th FLOOR PLAN	3/1/68
A-B-141	80th FLOOR CORE PLAN	8/1/68
A-B-142	81st FLOOR PLAN	5/1/68
A-B-143	81st FLOOR CORE PLAN	11/1/68
A-B-144	82nd FLOOR PLAN	3/1/68
A-B-145	82nd FLOOR CORE PLAN	8/1/68
A-B-146	83rd FLOOR PLAN	3/1/68
A-B-147	83rd FLOOR CORE PLAN	8/1/68
A-B-148	84th to 86th FLOOR PLAN	3/1/68
A-B-149	84th to 86th FLOOR CORE PLAN	8/1/68
A-B-150	87th to 88th FLOOR PLAN	3/1/68
A-B-151	87th FLOOR CORE PLAN	8/1/68
A-B-152	88th FLOOR CORE PLAN	11/1/68
A-B-153	89th to 93rd FLOOR PLAN	3/1/68
A-B-154	89th to 93rd FLOOR CORE PLAN	8/1/68
A-B-155	94th to 95th FLOOR PLAN	3/1/68
A-B-156	94th FLOOR CORE PLAN	8/1/68
A-B-157	95th FLOOR CORE PLAN	11/1/68
A-B-158	96th to 100th FLOOR PLAN	3/1/68
A-B-159	96th to 100th FLOOR CORE PLAN	8/1/68
A-B-160	101st & 102nd FLOOR PLAN	3/1/68

Drawing No.	Title	Revised
A-B-161	101st FLOOR CORE PLAN	8/1/68
A-B-162	102nd FLOOR CORE PLAN	11/1/68
A-B-163	103rd FLOOR PLAN	3/1/68
A-B-164	103rd FLOOR CORE PLAN	8/1/68
A-B-165	104th FLOOR PLAN	3/1/68
A-B-166	104th FLOOR CORE PLAN	8/1/68
A-B-167	105th FLOOR PLAN	3/1/68
A-B-168	105th FLOOR CORE PLAN	8/1/68
A-B-169	106th FLOOR PLAN	3/1/68
A-B-170	106th FLOOR CORE PLAN	8/1/68
A-B-171	107th FLOOR PLAN-OBSERVATION	3/1/68
A-B-172	107th FLOOR CORE PLAN - OBSERVATION	8/1/68
A-B-175	108th FLOOR PLAN M.E.R.	11/1/68
A-B-176	108th FLOOR CORE PLAN M.E.R.	11/1/68
A-B-177	109th FLOOR PLAN	11/1/68
A-B-178	109th FLOOR CORE PLAN	11/1/68
A-B-179	110th FLOOR PLAN	5/1/68
A-B-180	110th FLOOR CORE PLAN	11/1/68
A-B-182	STAIR & ELEVATOR MACHINE ROOM SECTION	8/1/68

The Contract Drawings do not show all of the details of the Sale and Work and are intended only to illustrate the character and extent of the Sale and Work to be performed. Accordingly, they may be supplemented during the performance of the Sale and Work by the Engineer or by the Contractor subject to the approval of the Engineer to the extent necessary to further illustrate the Sale and Work.

After the Contract has been executed the Contractor will be furnished with a set of reproducible Contract Drawings.